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TITLE: XBP XBAR RETURN BOARD	ABBR: XBP
DRAWING: 411-000252-300A Rev 0.0	ENGR: GOLEMBIESKI
REVISED: Wed Mar 28 18:02:10 1990	PAGE: 1

8 7 6 5 4 3 2 1

AUGAT-NGC-800
 BACKPLANE VERSION
 800 SIGNALS + 200 GROUNDS IN 5 SECTIONS
 XRT8 1P

BOARD=XRT

TOP
 J5
 J4
 J3
 J2
 J1
 BOTTOM

NOTE: CHANGE THE NUMBER BELOW TO CORRESPOND TO DESIRED CONNECTOR SECTION (1=J1, 2=J2, ETC.). THE GED 'SECTION' COMMAND WILL NOT WORK.

SEC=1

GROUND ALL PINS ON THIS ROW!

101	MB1 XRE RD PAR<1>
102	MB1 XRE RD PAR<0>
103	MB1 XRE RD RDY
104	SP1 XRE RIN PAR EHR
105	MB0 XRE RD DATA<9>
106	MB0 XRE RD DATA<8>
107	MB0 XRE RD DATA<1>
108	MB0 XRE RD DATA<0>
109	MB0 XRE RD PAR<1>
110	MB0 XRE RD PAR<0>
111	MB0 XRE RD RDY
112	XRE IAB SPARE1
113	MB3 XRE SPARE1
114	MB3 XRE SPARE0
115	XSOE XRE HALT XRT
116	XSOE XRE SEND SEL<3>
117	XSOE XRE SEND SEL<2>
118	XSOE XRE SEND SEL<1>
119	XSOE XRE SEND SEL<0>
120	XSOE XRE SEND SEL<3>
121	XSOE XRE SEND SEL<2>
122	XSOE XRE SEND SEL<1>
123	XSOE XRE SEND SEL<0>
124	XSOE XRE SEND SEL<3>
125	XSOE XRE SEND SEL<2>
126	XSOE XRE SEND SEL<1>
127	XSOE XRE SEND SEL<0>
128	XSOE XRE M0 CYCLE
129	XSOE XRE M1 CYCLE
130	MB2 XRE SPARE0
131	MB1 XRE SPARE1
132	MB1 XRE SPARE0
133	MB0 XRE SPARE1
134	MB0 XRE SPARE0
135	XRE XPC BUTYPE<7>
136	XPC XRE SPI GND
137	XPC XRE OVERTEMP GND
138	XRE XPC CLKEDOWN
139	XRE XPC BUTYPE<3>
140	CU XRE CLOCK TX

201	XRE SP1 RD PAR<1>
202	XRE SP1 RD PAR<0>
203	XRE SP1 RD RDY
204	SP0 XRE RIN PAR EHR
205	XRE SP0 RD DATA<9>
206	XRE SP0 RD DATA<8>
207	XRE SP0 RD DATA<1>
208	XRE SP0 RD DATA<0>
209	XRE SP0 RD PAR<1>
210	XRE SP0 RD PAR<0>
211	XRE SP0 RD RDY
212	XRE IAB SPARE0
213	XRE SP3 SPARE1
214	XRE SP3 SPARE0
215	XRE SP2 SPARE1
216	XSOE XRE SEND SEL<3>
217	XSOE XRE SEND SEL<2>
218	XSOE XRE SEND SEL<1>
219	XSOE XRE SEND SEL<0>
220	XSOE XRE SEND SEL<3>
221	XSOE XRE SEND SEL<2>
222	XSOE XRE SEND SEL<1>
223	XSOE XRE SEND SEL<0>
224	XSOE XRE SEND SEL<3>
225	XSOE XRE SEND SEL<2>
226	XSOE XRE SEND SEL<1>
227	XSOE XRE SEND SEL<0>
228	XSOE XRE M0 CYCLE
229	XSOE XRE M1 CYCLE
230	XRE SP7 SPARE0
231	XRE SP7 SPARE1
232	XRE SP7 SPARE0
233	XRE SP0 SPARE1
234	XRE SP0 SPARE0
235	XRE XPC BUTYPE<6>
236	XPC BP SPI OUT
237	XPC XRE BUTYPE GND
238	XPC XRE CLKEDCLH
239	XRE XPC BUTYPE<2>
240	CU XRE CLOCK TX

301	XRE SP6 RD PAR<1>
302	XRE SP6 RD PAR<0>
303	XRE SP6 RD RDY
304	SP7 XRE RIN PAR EHR
305	XRE SP7 RD DATA<9>
306	XRE SP7 RD DATA<8>
307	XRE SP7 RD DATA<1>
308	XRE SP7 RD DATA<0>
309	XRE SP7 RD PAR<1>
310	XRE SP7 RD PAR<0>
311	XRE SP7 RD RDY
312	CU XRE SPARE1
313	XRE SP4 SPARE1
314	XRE SP4 SPARE0
315	XRE SP5 SPARE1
316	XSOE XRE SEND SEL<3>
317	XSOE XRE SEND SEL<2>
318	XSOE XRE SEND SEL<1>
319	XSOE XRE SEND SEL<0>
320	XSOE XRE SEND SEL<3>
321	XSOE XRE SEND SEL<2>
322	XSOE XRE SEND SEL<1>
323	XSOE XRE SEND SEL<0>
324	XSOE XRE CH SEND SEL<3>
325	XSOE XRE CH SEND SEL<2>
326	XSOE XRE CH SEND SEL<1>
327	XSOE XRE CH SEND SEL<0>
328	XSOE XRE M2 CYCLE
329	XSOE XRE M3 CYCLE
330	XRE SP5 SPARE0
331	XRE SP5 SPARE1
332	XRE SP6 SPARE0
333	XRE SP7 SPARE1
334	XRE SP7 SPARE0
335	XRE XPC BUTYPE<5>
336	BP XPC SPI IN
337	XRE XPC OVERTEMP
338	XPC XRE SPI SELECT
339	XRE XPC BUTYPE<1>
340	XSOE XRE SPARE1

401	MB6 XRE RD PAR<1>
402	MB6 XRE RD PAR<0>
403	MB6 XRE RD RDY
404	SP6 XRE RIN PAR EHR
405	MB7 XRE RD DATA<9>
406	MB7 XRE RD DATA<8>
407	MB7 XRE RD DATA<1>
408	MB7 XRE RD DATA<0>
409	MB7 XRE RD PAR<1>
410	MB7 XRE RD PAR<0>
411	MB7 XRE RD RDY
412	CU XRE SPARE0
413	MB4 XRE SPARE1
414	MB4 XRE SPARE0
415	MB5 XRE SPARE1
416	XSOE XRE M0 RDY
417	XSOE XRE M1 RDY
418	XSOE XRE M2 RDY
419	XSOE XRE M3 RDY
420	XSOE XRE M4 RDY
421	XSOE XRE M5 RDY
422	XSOE XRE M6 RDY
423	XSOE XRE M7 RDY
424	XSOE XRE CH RDY
425	MB2 XRE SPARE1
426	XSOE XRE CH CYCLE<1>
427	XSOE XRE CH CYCLE<0>
428	XSOE XRE M3 CYCLE
429	XSOE XRE M7 CYCLE 1
430	MB5 XRE SPARE0
431	MB6 XRE SPARE1
432	MB6 XRE SPARE0
433	MB7 XRE SPARE1
434	MB7 XRE SPARE0
435	XRE XPC BUTYPE<4>
436	XPC XRE SPI VCC
437	XPC XRE OVERTEMP VCC
438	XPC XRE SPI CLK
439	XRE XPC BUTYPE<0>
440	XSOE XRE SPARE0

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DRAWING: 411-000252-300A Rev 0.0

REVISED: Wed Mar 28 17:15:25 1990

ABBR: XBP

ENGR: GOLEMBIESKI

PAGE: 2

8 7 6 3 2 1

8 7 6 5 4 3 2 1

AUGAT-NGC-800
BACKPLANE VERSION
 800 SIGNALS + 200 GROUNDS IN 5 SECTIONS
 X RTE 1P
 BOARD=XRT

TOP
 J5
 J4
 J3
 J2
 J1
 BOTTOM

NOTE: CHANGE THE NUMBER BELOW TO CORRESPOND TO DESIRED CONNECTOR SECTION (1=J1, 2=J2, ETC.).
 THE 'GED' SECTION COMMAND WILL NOT WORK.
 SEC=2

GROUND ALL PINS
 ON THIS ROW!

101	MB2 XRE RD DATA<2>
102	MB1 XRE RD DATA<8>
103	MB1 XRE RD DATA<5>
104	MB1 XRE RD DATA<12>
105	MB1 XRE RD DATA<11>
106	MB1 XRE RD DATA<10>
107	MB1 XRE RD DATA<4>
108	MB1 XRE RD DATA<3>
109	MB1 XRE RD DATA<2>
110	MB0 XRE RD DATA<8>
111	MB0 XRE RD DATA<5>
112	MB0 XRE RD DATA<12>
113	MB0 XRE RD DATA<11>
114	MB0 XRE RD DATA<10>
115	MB0 XRE RD DATA<4>
116	MB0 XRE RD DATA<3>
117	MB0 XRE RD DATA<2>
118	XRE IAB RD DATA<0>
119	XRE IAB RD PAR<1>
120	XRE IAB RD PAR<0>
121	XRE IAB RD RDY
122	MB3 XRE RD DATA<9>
123	MB3 XRE RD DATA<8>
124	MB3 XRE RD DATA<1>
125	MB3 XRE RD DATA<0>
126	MB3 XRE RD PAR<1>
127	MB3 XRE RD PAR<0>
128	MB3 XRE RD RDY
129	SP3 XRE RIN PAR EHH
130	MB2 XRE RD DATA<9>
131	MB2 XRE RD DATA<8>
132	MB2 XRE RD DATA<1>
133	MB2 XRE RD DATA<0>
134	MB2 XRE RD PAR<1>
135	MB2 XRE RD PAR<0>
136	MB2 XRE RD RDY
137	MB1 XRE RD DATA<9>
138	MB1 XRE RD DATA<8>
139	MB1 XRE RD DATA<1>
140	MB1 XRE RD DATA<0>

201	XRE SP2 RD DATA<2>
202	XRE SP1 RD DATA<8>
203	XRE SP1 RD DATA<5>
204	XRE SP1 RD DATA<12>
205	XRE SP1 RD DATA<11>
206	XRE SP1 RD DATA<10>
207	XRE SP1 RD DATA<4>
208	XRE SP1 RD DATA<3>
209	XRE SP1 RD DATA<2>
210	XRE SP0 RD DATA<8>
211	XRE SP0 RD DATA<5>
212	XRE SP0 RD DATA<12>
213	XRE SP0 RD DATA<11>
214	XRE SP0 RD DATA<10>
215	XRE SP0 RD DATA<4>
216	XRE SP0 RD DATA<3>
217	XRE SP0 RD DATA<2>
218	UB XRE RIN PAR EHH
219	XRE IAB RD DATA<9>
220	XRE IAB RD DATA<8>
221	XRE IAB RD DATA<1>
222	XRE SP3 RD DATA<9>
223	XRE SP3 RD DATA<8>
224	XRE SP3 RD DATA<1>
225	XRE SP3 RD DATA<0>
226	XRE SP3 RD PAR<1>
227	XRE SP3 RD PAR<0>
228	XRE SP3 RD RDY
229	SP2 XRE RIN PAR EHH
230	XRE SP2 RD DATA<9>
231	XRE SP2 RD DATA<8>
232	XRE SP2 RD DATA<1>
233	XRE SP2 RD DATA<0>
234	XRE SP2 RD PAR<1>
235	XRE SP2 RD PAR<0>
236	XRE SP2 RD RDY
237	XRE SP1 RD DATA<9>
238	XRE SP1 RD DATA<8>
239	XRE SP1 RD DATA<1>
240	XRE SP1 RD DATA<0>

301	XRE SP5 RD DATA<2>
302	XRE SP6 RD DATA<8>
303	XRE SP6 RD DATA<5>
304	XRE SP6 RD DATA<12>
305	XRE SP6 RD DATA<11>
306	XRE SP6 RD DATA<10>
307	XRE SP6 RD DATA<4>
308	XRE SP6 RD DATA<3>
309	XRE SP6 RD DATA<2>
310	XRE SP7 RD DATA<8>
311	XRE SP7 RD DATA<5>
312	XRE SP7 RD DATA<12>
313	XRE SP7 RD DATA<11>
314	XRE SP7 RD DATA<10>
315	XRE SP7 RD DATA<4>
316	XRE SP7 RD DATA<3>
317	XRE SP7 RD DATA<2>
318	CU XRE RD DATA<9>
319	CU XRE RD DATA<8>
320	CU XRE RD DATA<1>
321	CU XRE RD DATA<0>
322	XRE SP4 RD DATA<9>
323	XRE SP4 RD DATA<8>
324	XRE SP4 RD DATA<1>
325	XRE SP4 RD DATA<0>
326	XRE SP4 RD PAR<1>
327	XRE SP4 RD PAR<0>
328	XRE SP4 RD RDY
329	SP5 XRE RIN PAR EHH
330	XRE SP5 RD DATA<9>
331	XRE SP5 RD DATA<8>
332	XRE SP5 RD DATA<1>
333	XRE SP5 RD DATA<0>
334	XRE SP5 RD PAR<1>
335	XRE SP5 RD PAR<0>
336	XRE SP5 RD RDY
337	XRE SP6 RD DATA<9>
338	XRE SP6 RD DATA<8>
339	XRE SP6 RD DATA<1>
340	XRE SP6 RD DATA<0>

401	MB5 XRE RD DATA<2>
402	MB6 XRE RD DATA<8>
403	MB6 XRE RD DATA<5>
404	MB6 XRE RD DATA<12>
405	MB6 XRE RD DATA<11>
406	MB6 XRE RD DATA<10>
407	MB6 XRE RD DATA<4>
408	MB6 XRE RD DATA<3>
409	MB6 XRE RD DATA<2>
410	MB7 XRE RD DATA<8>
411	MB7 XRE RD DATA<5>
412	MB7 XRE RD DATA<12>
413	MB7 XRE RD DATA<11>
414	MB7 XRE RD DATA<10>
415	MB7 XRE RD DATA<4>
416	MB7 XRE RD DATA<3>
417	MB7 XRE RD DATA<2>
418	CU XRE RD DATA<9>
419	CU XRE RD DATA<8>
420	CU XRE RD PAR<1>
421	CU XRE RD RDY
422	MB4 XRE RD DATA<9>
423	MB4 XRE RD DATA<8>
424	MB4 XRE RD DATA<1>
425	MB4 XRE RD DATA<0>
426	MB4 XRE RD PAR<1>
427	MB4 XRE RD PAR<0>
428	MB4 XRE RD RDY
429	SP4 XRE RIN PAR EHH
430	MB5 XRE RD DATA<9>
431	MB5 XRE RD DATA<8>
432	MB5 XRE RD DATA<1>
433	MB5 XRE RD DATA<0>
434	MB5 XRE RD PAR<1>
435	MB5 XRE RD PAR<0>
436	MB5 XRE RD RDY
437	MB6 XRE RD DATA<9>
438	MB6 XRE RD DATA<8>
439	MB6 XRE RD DATA<1>
440	MB6 XRE RD DATA<0>

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TITLE: XBP XBAR RETURN BOARD	ABBR: XBP
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REVISED: Wed Mar 28 17:15:46 1990	PAGE: 3

8 7 6 3 2 1

8 7 6 5 4 3 2 1

AUGAT-NGC-800
 BACKPLANE VERSION
 800 SIGNALS + 200 GROUNDS IN 5 SECTIONS
 X RTE 1P
 BOARD=XRT

TOP
 J5
 J4
 J3
 J2
 J1
 BOTTOM

NOTE: CHANGE THE NUMBER BELOW TO CORRESPOND
 TO DESIRED CONNECTOR SECTION (1=J1 2=J2, ETC.).
 THE GED 'SECTION' COMMAND WILL NOT WORK.
 SEC=3

GROUND ALL PINS
 ON THIS ROW!

101	MB2 XRE RD DATA<21>
102	MB2 XRE RD DATA<15>
103	MB2 XRE RD DATA<14>
104	MB2 XRE RD DATA<13>
105	MB2 XRE RD DATA<7>
106	MB1 XRE RD DATA<29>
107	MB1 XRE RD DATA<23>
108	MB1 XRE RD DATA<22>
109	MB1 XRE RD DATA<21>
110	MB1 XRE RD DATA<15>
111	MB1 XRE RD DATA<14>
112	MB1 XRE RD DATA<13>
113	MB1 XRE RD DATA<7>
114	MB0 XRE RD DATA<29>
115	MB0 XRE RD DATA<23>
116	MB0 XRE RD DATA<22>
117	MB0 XRE RD DATA<21>
118	MB0 XRE RD DATA<15>
119	MB0 XRE RD DATA<14>
120	MB0 XRE RD DATA<13>
121	MB0 XRE RD DATA<7>
122	XRE IAB RD DATA<3>
123	XRE IAB RD DATA<2>
124	XRE IAB RD DATA<12>
125	XRE IAB RD DATA<11>
126	MB3 XRE RD DATA<6>
127	MB3 XRE RD DATA<5>
128	MB3 XRE RD DATA<12>
129	MB3 XRE RD DATA<11>
130	MB3 XRE RD DATA<10>
131	MB3 XRE RD DATA<4>
132	MB3 XRE RD DATA<3>
133	MB3 XRE RD DATA<2>
134	MB2 XRE RD DATA<6>
135	MB2 XRE RD DATA<5>
136	MB2 XRE RD DATA<12>
137	MB2 XRE RD DATA<11>
138	MB2 XRE RD DATA<10>
139	MB2 XRE RD DATA<4>
140	MB2 XRE RD DATA<3>

201	XRE SP2 RD DATA<21>
202	XRE SP2 RD DATA<15>
203	XRE SP2 RD DATA<14>
204	XRE SP2 RD DATA<13>
205	XRE SP2 RD DATA<7>
206	XRE SP1 RD DATA<29>
207	XRE SP1 RD DATA<23>
208	XRE SP1 RD DATA<22>
209	XRE SP1 RD DATA<21>
210	XRE SP1 RD DATA<15>
211	XRE SP1 RD DATA<14>
212	XRE SP1 RD DATA<13>
213	XRE SP1 RD DATA<7>
214	XRE SP0 RD DATA<29>
215	XRE SP0 RD DATA<23>
216	XRE SP0 RD DATA<22>
217	XRE SP0 RD DATA<21>
218	XRE SP0 RD DATA<15>
219	XRE SP0 RD DATA<14>
220	XRE SP0 RD DATA<13>
221	XRE SP0 RD DATA<7>
222	XRE IAB RD DATA<10>
223	XRE IAB RD DATA<4>
224	XRE IAB RD DATA<3>
225	XRE IAB RD DATA<2>
226	XRE SP3 RD DATA<6>
227	XRE SP3 RD DATA<5>
228	XRE SP3 RD DATA<12>
229	XRE SP3 RD DATA<11>
230	XRE SP3 RD DATA<10>
231	XRE SP3 RD DATA<4>
232	XRE SP3 RD DATA<3>
233	XRE SP3 RD DATA<2>
234	XRE SP2 RD DATA<6>
235	XRE SP2 RD DATA<5>
236	XRE SP2 RD DATA<12>
237	XRE SP2 RD DATA<11>
238	XRE SP2 RD DATA<10>
239	XRE SP2 RD DATA<4>
240	XRE SP2 RD DATA<3>

301	XRE SP5 RD DATA<21>
302	XRE SP5 RD DATA<15>
303	XRE SP5 RD DATA<14>
304	XRE SP5 RD DATA<13>
305	XRE SP5 RD DATA<7>
306	XRE SP6 RD DATA<29>
307	XRE SP6 RD DATA<23>
308	XRE SP6 RD DATA<22>
309	XRE SP6 RD DATA<21>
310	XRE SP6 RD DATA<15>
311	XRE SP6 RD DATA<14>
312	XRE SP6 RD DATA<13>
313	XRE SP6 RD DATA<7>
314	XRE SP7 RD DATA<29>
315	XRE SP7 RD DATA<23>
316	XRE SP7 RD DATA<22>
317	XRE SP7 RD DATA<21>
318	XRE SP7 RD DATA<15>
319	XRE SP7 RD DATA<14>
320	XRE SP7 RD DATA<13>
321	XRE SP7 RD DATA<7>
322	CU XRE RD DATA<10>
323	CU XRE RD DATA<4>
324	CU XRE RD DATA<3>
325	CU XRE RD DATA<2>
326	XRE SP4 RD DATA<6>
327	XRE SP4 RD DATA<5>
328	XRE SP4 RD DATA<12>
329	XRE SP4 RD DATA<11>
330	XRE SP4 RD DATA<10>
331	XRE SP4 RD DATA<4>
332	XRE SP4 RD DATA<3>
333	XRE SP4 RD DATA<2>
334	XRE SP5 RD DATA<6>
335	XRE SP5 RD DATA<5>
336	XRE SP5 RD DATA<12>
337	XRE SP5 RD DATA<11>
338	XRE SP5 RD DATA<10>
339	XRE SP5 RD DATA<4>
340	XRE SP5 RD DATA<3>

401	MB5 XRE RD DATA<21>
402	MB5 XRE RD DATA<15>
403	MB5 XRE RD DATA<14>
404	MB5 XRE RD DATA<13>
405	MB5 XRE RD DATA<7>
406	MB6 XRE RD DATA<29>
407	MB6 XRE RD DATA<23>
408	MB6 XRE RD DATA<22>
409	MB6 XRE RD DATA<21>
410	MB6 XRE RD DATA<15>
411	MB6 XRE RD DATA<14>
412	MB6 XRE RD DATA<13>
413	MB6 XRE RD DATA<7>
414	MB7 XRE RD DATA<29>
415	MB7 XRE RD DATA<23>
416	MB7 XRE RD DATA<22>
417	MB7 XRE RD DATA<21>
418	MB7 XRE RD DATA<15>
419	MB7 XRE RD DATA<14>
420	MB7 XRE RD DATA<13>
421	MB7 XRE RD DATA<7>
422	CU XRE RD DATA<6>
423	CU XRE RD DATA<3>
424	CU XRE RD DATA<12>
425	CU XRE RD DATA<11>
426	MB4 XRE RD DATA<6>
427	MB4 XRE RD DATA<5>
428	MB4 XRE RD DATA<12>
429	MB4 XRE RD DATA<11>
430	MB4 XRE RD DATA<10>
431	MB4 XRE RD DATA<4>
432	MB4 XRE RD DATA<3>
433	MB4 XRE RD DATA<2>
434	MB5 XRE RD DATA<6>
435	MB5 XRE RD DATA<5>
436	MB5 XRE RD DATA<12>
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438	MB5 XRE RD DATA<10>
439	MB5 XRE RD DATA<4>
440	MB5 XRE RD DATA<3>

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 ENGR: GOLEMBIESKI

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AUGAT-NGC-800
BACKPLANE VERSION
800 SIGNALS + 200 GROUNDS IN 5 SECTIONS
X RTE 1 P

BOARD=XRT

TOP
J5
J4
J3
J2
J1
BOTTOM

NOTE: CHANGE THE NUMBER BELOW TO CORRESPOND TO DESIRED CONNECTOR SECTION (1=J1, 2=J2, ETC.). THE GED 'SECTION' COMMAND WILL NOT WORK.

SEC=4

GROUND ALL PINS ON THIS ROW!

101	MB3 XRE RD DATA<30>
102	MB2 XRE RD DATA<28>
103	MB2 XRE RD DATA<27>
104	MB2 XRE RD DATA<26>
105	MB2 XRE RD DATA<20>
106	MB2 XRE RD DATA<18>
107	MB2 XRE RD DATA<18>
108	MB2 XRE RD DATA<31>
109	MB2 XRE RD DATA<30>
110	MB1 XRE RD DATA<28>
111	MB1 XRE RD DATA<27>
112	MB1 XRE RD DATA<26>
113	MB1 XRE RD DATA<20>
114	MB1 XRE RD DATA<18>
115	MB1 XRE RD DATA<18>
116	MB1 XRE RD DATA<31>
117	MB1 XRE RD DATA<30>
118	MB0 XRE RD DATA<28>
119	MB0 XRE RD DATA<27>
120	MB0 XRE RD DATA<26>
121	MB0 XRE RD DATA<20>
122	MB0 XRE RD DATA<19>
123	MB0 XRE RD DATA<18>
124	MB0 XRE RD DATA<31>
125	MB0 XRE RD DATA<30>
126	XRE IAB RD DATA<29>
127	XRE IAB RD DATA<23>
128	XRE IAB RD DATA<22>
129	XRE IAB RD DATA<21>
130	MB3 XRE RD DATA<29>
131	MB3 XRE RD DATA<23>
132	MB3 XRE RD DATA<22>
133	MB3 XRE RD DATA<21>
134	MB3 XRE RD DATA<15>
135	MB3 XRE RD DATA<14>
136	MB3 XRE RD DATA<13>
137	MB3 XRE RD DATA<7>
138	MB2 XRE RD DATA<29>
139	MB2 XRE RD DATA<23>
140	MB2 XRE RD DATA<22>

201	XRE SP3 RD DATA<30>
202	XRE SP2 RD DATA<28>
203	XRE SP2 RD DATA<27>
204	XRE SP2 RD DATA<26>
205	XRE SP2 RD DATA<20>
206	XRE SP2 RD DATA<18>
207	XRE SP2 RD DATA<18>
208	XRE SP2 RD DATA<31>
209	XRE SP2 RD DATA<30>
210	XRE SP1 RD DATA<28>
211	XRE SP1 RD DATA<27>
212	XRE SP1 RD DATA<26>
213	XRE SP1 RD DATA<20>
214	XRE SP1 RD DATA<18>
215	XRE SP1 RD DATA<18>
216	XRE SP1 RD DATA<31>
217	XRE SP1 RD DATA<30>
218	XRE SP0 RD DATA<28>
219	XRE SP0 RD DATA<27>
220	XRE SP0 RD DATA<26>
221	XRE SP0 RD DATA<20>
222	XRE SP0 RD DATA<19>
223	XRE SP0 RD DATA<18>
224	XRE SP0 RD DATA<31>
225	XRE SP0 RD DATA<30>
226	XRE IAB RD DATA<29>
227	XRE IAB RD DATA<14>
228	XRE IAB RD DATA<13>
229	XRE IAB RD DATA<7>
230	XRE SP3 RD DATA<29>
231	XRE SP3 RD DATA<23>
232	XRE SP3 RD DATA<22>
233	XRE SP3 RD DATA<21>
234	XRE SP3 RD DATA<15>
235	XRE SP3 RD DATA<14>
236	XRE SP3 RD DATA<13>
237	XRE SP3 RD DATA<7>
238	XRE SP2 RD DATA<29>
239	XRE SP2 RD DATA<23>
240	XRE SP2 RD DATA<22>

301	XRE SP4 RD DATA<30>
302	XRE SP5 RD DATA<28>
303	XRE SP5 RD DATA<27>
304	XRE SP5 RD DATA<26>
305	XRE SP5 RD DATA<20>
306	XRE SP5 RD DATA<18>
307	XRE SP5 RD DATA<18>
308	XRE SP5 RD DATA<31>
309	XRE SP5 RD DATA<30>
310	XRE SP6 RD DATA<28>
311	XRE SP6 RD DATA<27>
312	XRE SP6 RD DATA<26>
313	XRE SP6 RD DATA<20>
314	XRE SP6 RD DATA<18>
315	XRE SP6 RD DATA<18>
316	XRE SP6 RD DATA<31>
317	XRE SP6 RD DATA<30>
318	XRE SP7 RD DATA<28>
319	XRE SP7 RD DATA<27>
320	XRE SP7 RD DATA<26>
321	XRE SP7 RD DATA<20>
322	XRE SP7 RD DATA<19>
323	XRE SP7 RD DATA<18>
324	XRE SP7 RD DATA<31>
325	XRE SP7 RD DATA<30>
326	CU XRE RD DATA<29>
327	CU XRE RD DATA<23>
328	CU XRE RD DATA<22>
329	CU XRE RD DATA<21>
330	XRE SP4 RD DATA<29>
331	XRE SP4 RD DATA<23>
332	XRE SP4 RD DATA<22>
333	XRE SP4 RD DATA<21>
334	XRE SP4 RD DATA<15>
335	XRE SP4 RD DATA<14>
336	XRE SP4 RD DATA<13>
337	XRE SP4 RD DATA<7>
338	XRE SP5 RD DATA<29>
339	XRE SP5 RD DATA<23>
340	XRE SP5 RD DATA<22>

401	MB4 XRE RD DATA<30>
402	MB5 XRE RD DATA<28>
403	MB5 XRE RD DATA<27>
404	MB5 XRE RD DATA<26>
405	MB5 XRE RD DATA<20>
406	MB5 XRE RD DATA<18>
407	MB5 XRE RD DATA<18>
408	MB5 XRE RD DATA<31>
409	MB5 XRE RD DATA<30>
410	MB6 XRE RD DATA<28>
411	MB6 XRE RD DATA<27>
412	MB6 XRE RD DATA<26>
413	MB6 XRE RD DATA<20>
414	MB6 XRE RD DATA<18>
415	MB6 XRE RD DATA<18>
416	MB6 XRE RD DATA<31>
417	MB6 XRE RD DATA<30>
418	MB7 XRE RD DATA<28>
419	MB7 XRE RD DATA<27>
420	MB7 XRE RD DATA<26>
421	MB7 XRE RD DATA<20>
422	MB7 XRE RD DATA<19>
423	MB7 XRE RD DATA<18>
424	MB7 XRE RD DATA<31>
425	MB7 XRE RD DATA<30>
426	CU XRE RD DATA<15>
427	CU XRE RD DATA<14>
428	CU XRE RD DATA<13>
429	CU XRE RD DATA<7>
430	MB4 XRE RD DATA<29>
431	MB4 XRE RD DATA<23>
432	MB4 XRE RD DATA<22>
433	MB4 XRE RD DATA<21>
434	MB4 XRE RD DATA<15>
435	MB4 XRE RD DATA<14>
436	MB4 XRE RD DATA<13>
437	MB4 XRE RD DATA<7>
438	MB5 XRE RD DATA<29>
439	MB5 XRE RD DATA<23>
440	MB5 XRE RD DATA<22>

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TITLE: XBP XBAR RETURN BOARD

DRAWING: 411-000252-300A Rev 0.0

REVISED: Wed Mar 28 17:16:25 1990

ABBR: XBP

ENGR: GOLENBIESKI

PAGE: 5

AUGAT-NGC-800
BACKPLANE VERSION

800 SIGNALS + 200 GROUNDS IN 5 SECTIONS
XRT 1P

BOARD=XRT

TOP
J5
J4
J3
J2
J1
BOTTOM

NOTE: CHANGE THE NUMBER BELOW TO CORRESPOND
TO DESIRED CONNECTOR SECTION (1=J1, 2=J2, ETC.).
THE GED 'SECTION' COMMAND WILL NOT WORK.

SEC=5

GROUND ALL PINS
ON THIS ROW!

101	XC XRE SCAN CTL<2>
102	XC XRE SCAN IN
103	XRE IAB HD PAH<3>
104	XRE IAB HD PAH<2>
105	XRE IAB HD DATA<25>
106	MB3 XRE HD PAH<3>
107	MB3 XRE HD PAH<2>
108	MB3 XRE HD DATA<25>
109	MB3 XRE HD DATA<24>
110	MB3 XRE HD DATA<17>
111	MB3 XRE HD DATA<16>
112	MB3 XRE HD PAH<3>
113	MB3 XRE HD PAH<2>
114	MB3 XRE HD DATA<25>
115	MB3 XRE HD DATA<24>
116	MB3 XRE HD DATA<17>
117	MB3 XRE HD DATA<16>
118	MB1 XRE HD PAH<3>
119	MB1 XRE HD PAH<2>
120	MB1 XRE HD DATA<25>
121	MB1 XRE HD DATA<24>
122	MB1 XRE HD DATA<17>
123	MB1 XRE HD DATA<16>
124	MB0 XRE HD PAH<3>
125	MB0 XRE HD PAH<2>
126	MB0 XRE HD DATA<25>
127	MB0 XRE HD DATA<24>
128	MB0 XRE HD DATA<17>
129	MB0 XRE HD DATA<16>
130	XRE IAB HD DATA<25>
131	XRE IAB HD DATA<17>
132	XRE IAB HD DATA<16>
133	XRE IAB HD DATA<20>
134	MB3 XRE HD DATA<25>
135	MB3 XRE HD DATA<24>
136	MB3 XRE HD DATA<20>
137	MB3 XRE HD DATA<19>
138	MB3 XRE HD DATA<18>
139	MB3 XRE HD DATA<31>
140	MB3 XRE HD DATA<31>

201	XC XRE SCAN CTL<1>
202	XRE XC SCAN OUT
203	XRE IAB HD DATA<24>
204	XRE IAB HD DATA<17>
205	XRE IAB HD DATA<16>
206	XRE SP3 HD PAH<3>
207	XRE SP3 HD PAH<2>
208	XRE SP3 HD DATA<25>
209	XRE SP3 HD DATA<24>
210	XRE SP3 HD DATA<17>
211	XRE SP3 HD DATA<16>
212	XRE SP2 HD PAH<3>
213	XRE SP2 HD PAH<2>
214	XRE SP2 HD DATA<25>
215	XRE SP2 HD DATA<24>
216	XRE SP2 HD DATA<17>
217	XRE SP2 HD DATA<16>
218	XRE SP1 HD PAH<3>
219	XRE SP1 HD PAH<2>
220	XRE SP1 HD DATA<25>
221	XRE SP1 HD DATA<24>
222	XRE SP1 HD DATA<17>
223	XRE SP1 HD DATA<16>
224	XRE SP0 HD PAH<3>
225	XRE SP0 HD PAH<2>
226	XRE SP0 HD DATA<25>
227	XRE SP0 HD DATA<24>
228	XRE SP0 HD DATA<17>
229	XRE SP0 HD DATA<16>
230	XRE IAB HD DATA<18>
231	XRE IAB HD DATA<16>
232	XRE IAB HD DATA<31>
233	XRE IAB HD DATA<30>
234	XRE SP3 HD DATA<28>
235	XRE SP3 HD DATA<27>
236	XRE SP3 HD DATA<26>
237	XRE SP3 HD DATA<20>
238	XRE SP3 HD DATA<19>
239	XRE SP3 HD DATA<18>
240	XRE SP3 HD DATA<31>

301	XC XRE SCAN CTL<0>
302	XC XRE CONFIG LOAD
303	CU XRE HD PAH<3>
304	CU XRE HD PAH<2>
305	CU XRE HD DATA<25>
306	XRE SP4 HD PAH<3>
307	XRE SP4 HD PAH<2>
308	XRE SP4 HD DATA<25>
309	XRE SP4 HD DATA<24>
310	XRE SP4 HD DATA<17>
311	XRE SP4 HD DATA<16>
312	XRE SP3 HD PAH<3>
313	XRE SP3 HD PAH<2>
314	XRE SP3 HD DATA<25>
315	XRE SP3 HD DATA<24>
316	XRE SP3 HD DATA<17>
317	XRE SP3 HD DATA<16>
318	XRE SP2 HD PAH<3>
319	XRE SP2 HD PAH<2>
320	XRE SP2 HD DATA<25>
321	XRE SP2 HD DATA<24>
322	XRE SP2 HD DATA<17>
323	XRE SP2 HD DATA<16>
324	XRE SP1 HD PAH<3>
325	XRE SP1 HD PAH<2>
326	XRE SP1 HD DATA<25>
327	XRE SP1 HD DATA<24>
328	XRE SP1 HD DATA<17>
329	XRE SP1 HD DATA<16>
330	CU XRE HD DATA<28>
331	CU XRE HD DATA<17>
332	CU XRE HD DATA<26>
333	CU XRE HD DATA<30>
334	XRE SP4 HD DATA<28>
335	XRE SP4 HD DATA<27>
336	XRE SP4 HD DATA<26>
337	XRE SP4 HD DATA<20>
338	XRE SP4 HD DATA<19>
339	XRE SP4 HD DATA<18>
340	XRE SP4 HD DATA<31>

401	XRE XC HARD ERROR
402	CU XRE HD DATA<24>
403	CU XRE HD DATA<17>
404	CU XRE HD DATA<16>
405	CU XRE HD DATA<25>
406	MB4 XRE HD PAH<3>
407	MB4 XRE HD PAH<2>
408	MB4 XRE HD DATA<25>
409	MB4 XRE HD DATA<24>
410	MB4 XRE HD DATA<17>
411	MB4 XRE HD DATA<16>
412	MB5 XRE HD PAH<3>
413	MB5 XRE HD PAH<2>
414	MB5 XRE HD DATA<25>
415	MB5 XRE HD DATA<24>
416	MB5 XRE HD DATA<17>
417	MB5 XRE HD DATA<16>
418	MB6 XRE HD PAH<3>
419	MB6 XRE HD PAH<2>
420	MB6 XRE HD DATA<25>
421	MB6 XRE HD DATA<24>
422	MB6 XRE HD DATA<17>
423	MB6 XRE HD DATA<16>
424	MB7 XRE HD PAH<3>
425	MB7 XRE HD PAH<2>
426	MB7 XRE HD DATA<25>
427	MB7 XRE HD DATA<24>
428	MB7 XRE HD DATA<17>
429	MB7 XRE HD DATA<16>
430	CU XRE HD DATA<18>
431	CU XRE HD DATA<16>
432	CU XRE HD DATA<31>
433	CU XRE HD DATA<30>
434	MB4 XRE HD DATA<28>
435	MB4 XRE HD DATA<27>
436	MB4 XRE HD DATA<26>
437	MB4 XRE HD DATA<20>
438	MB4 XRE HD DATA<19>
439	MB4 XRE HD DATA<18>
440	MB4 XRE HD DATA<31>

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TITLE: XBP XBAR RETURN BOARD

DRAWING: 411-000252-300A Rev 0.0

REVISED: Wed Mar 28 17:16:43 1990

ABBR: XBP

ENGR: GOLEMBESKI

PAGE: 6

AUGAT-NGC-800
BACKPLANE VERSION

800 SIGNALS + 200 GROUNDS IN 5 SECTIONS
XRT0 1P

BOARD=XRT

TOP
J5
J4
J3
J2
J1
BOTTOM

NOTE: CHANGE THE NUMBER BELOW TO CORRESPOND
TO DESIRED CONNECTOR SECTION (1=J1, 2=J2, ETC.).
THE 'GED' SECTION COMMAND WILL NOT WORK.

SEC=1

GROUND ALL PINS
ON THIS ROW!

101	MB1 XRO RD PAR<1>
102	MB1 XRO RD PAR<0>
103	MB1 XRO RD HDY
104	SP1 XRO HIN PAR EHH
105	MB0 XRO RD DATA<9>
106	MB0 XRO RD DATA<8>
107	MB0 XRO RD DATA<1>
108	MB0 XRO RD DATA<0>
109	MB0 XRO RD PAR<1>
110	MB0 XRO RD PAR<0>
111	MB0 XRO RD HDY
112	XRO IAB SPARE1
113	MB5 XRO SPARE1
114	MB5 XRO SPARE0
115	X500 XRO HALT XRT
116	X500 XRO SEND SEL0<3>
117	X500 XRO SEND SEL0<2>
118	X500 XRO SEND SEL0<1>
119	X500 XRO SEND SEL0<0>
120	X500 XRO SEND SEL1<3>
121	X500 XRO SEND SEL1<2>
122	X500 XRO SEND SEL1<1>
123	X500 XRO SEND SEL1<0>
124	X500 XRO SEND SEL2<3>
125	X500 XRO SEND SEL2<2>
126	X500 XRO SEND SEL2<1>
127	X500 XRO SEND SEL2<0>
128	X500 XRO M1 CYCLE
129	X500 XRO M4 CYCLE
130	MB7 XRO SPARE0
131	MB1 XRO SPARE1
132	MB1 XRO SPARE0
133	MB0 XRO SPARE1
134	MB0 XRO SPARE0
135	XPC XRO BDTYPE<7>
136	XPC XRO SPI GNU
137	XPC XRO OVERTEMP GNU
138	XPC XRO CLKLEDON
139	XPC XRO BDTYPE<3>
140	CU XRO CLOCK 1X

201	XRO SP1 RD PAR<1>
202	XRO SP1 RD PAR<0>
203	XRO SP1 RD HDY
204	SP0 XRO HIN PAR EHH
205	XRO SP0 RD DATA<9>
206	XRO SP0 RD DATA<8>
207	XRO SP0 RD DATA<1>
208	XRO SP0 RD DATA<0>
209	XRO SP0 RD PAR<1>
210	XRO SP0 RD PAR<0>
211	XRO SP0 RD HDY
212	XRO IAB SPARE0
213	XRO SP4 SPARE1
214	XRO SP4 SPARE0
215	XRO SP7 SPARE1
216	X500 XRO SEND SEL3<3>
217	X500 XRO SEND SEL3<2>
218	X500 XRO SEND SEL3<1>
219	X500 XRO SEND SEL3<0>
220	X500 XRO SEND SEL4<3>
221	X500 XRO SEND SEL4<2>
222	X500 XRO SEND SEL4<1>
223	X500 XRO SEND SEL4<0>
224	X500 XRO SEND SEL5<3>
225	X500 XRO SEND SEL5<2>
226	X500 XRO SEND SEL5<1>
227	X500 XRO SEND SEL5<0>
228	X500 XRO M1 CYCLE
229	X500 XRO M5 CYCLE
230	XRO SP2 SPARE0
231	XRO SP1 SPARE1
232	XRO SP1 SPARE0
233	XRO SP0 SPARE1
234	XRO SP0 SPARE0
235	XPC XPC BDTYPE<6>
236	XPC XPC SPI GNU
237	XPC XRO BDTYPE GNU
238	XPC XRO CLKLEDON
239	XPC XPC BDTYPE<2>
240	CU XRO CLOCK 1X

301	XRO SP6 RD PAR<1>
302	XRO SP6 RD PAR<0>
303	XRO SP6 RD HDY
304	SP7 XRO HIN PAR EHH
305	XRO SP7 RD DATA<9>
306	XRO SP7 RD DATA<8>
307	XRO SP7 RD DATA<1>
308	XRO SP7 RD DATA<0>
309	XRO SP7 RD PAR<1>
310	XRO SP7 RD PAR<0>
311	XRO SP7 RD HDY
312	CU XRO SPARE1
313	XRO SP4 SPARE1
314	XRO SP4 SPARE0
315	XRO SP5 SPARE1
316	X500 XRO SEND SEL6<3>
317	X500 XRO SEND SEL6<2>
318	X500 XRO SEND SEL6<1>
319	X500 XRO SEND SEL6<0>
320	X500 XRO SEND SEL7<3>
321	X500 XRO SEND SEL7<2>
322	X500 XRO SEND SEL7<1>
323	X500 XRO SEND SEL7<0>
324	X500 XRO CR SEND SEL<3>
325	X500 XRO CR SEND SEL<2>
326	X500 XRO CR SEND SEL<1>
327	X500 XRO CR SEND SEL<0>
328	X500 XRO M2 CYCLE
329	X500 XRO M8 CYCLE
330	XRO SP5 SPARE0
331	XRO SP6 SPARE1
332	XRO SP6 SPARE0
333	XRO SP7 SPARE1
334	XRO SP7 SPARE0
335	XPC XPC BDTYPE<5>
336	BP XPC SPI IN
337	XPC XRO OVERTEMP
338	XPC XRO SPI SELEC1
339	XPC XPC BDTYPE<1>
340	X500 XRO SPARE1

401	MB6 XRO RD PAR<1>
402	MB6 XRO RD PAR<0>
403	MB6 XRO RD HDY
404	SP6 XRO HIN PAR EHH
405	MB7 XRO RD DATA<9>
406	MB7 XRO RD DATA<8>
407	MB7 XRO RD DATA<1>
408	MB7 XRO RD DATA<0>
409	MB7 XRO RD PAR<1>
410	MB7 XRO RD PAR<0>
411	MB7 XRO RD HDY
412	CU XRO SPARE0
413	MB4 XRO SPARE1
414	MB4 XRO SPARE0
415	MB5 XRO SPARE1
416	X500 XRO M0 HDY
417	X500 XRO M1 HDY
418	X500 XRO M2 HDY
419	X500 XRO M3 HDY
420	X500 XRO M4 HDY
421	X500 XRO M5 HDY
422	X500 XRO M6 HDY
423	X500 XRO M7 HDY
424	X500 XRO CR HDY
425	MB2 XRO SPARE1
426	X500 XRO CR CYCLE<1>
427	X500 XRO CR CYCLE<0>
428	X500 XRO M5 CYCLE
429	X500 XRO M7 CYCLE
430	MB5 XRO SPARE0
431	MB6 XRO SPARE1
432	MB6 XRO SPARE0
433	MB7 XRO SPARE1
434	MB7 XRO SPARE0
435	XPC XPC BDTYPE<4>
436	XPC XRO SPI Y4
437	XPC XRO OVERTEMP VCC
438	XPC XRO SPI CLK
439	XPC XPC BDTYPE<0>
440	X500 XRO SPARE0

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TITLE: XBP XBAR RETURN BOARD

DRAWING: 411-000252-300A Rev 0.0

REVISED: Wed Mar 28 17:17:05 1990

ABBR: XBP

ENGR: GOLENBIESKI

PAGE: 7

8 7 6 5 4 3 2 1

AUGAT-NGC-800
 BACKPLANE VERSION
 800 SIGNALS + 200 GROUNDS IN 5 SECTIONS
 XRT0 1P

BOARD=XRT

TOP
 J5
 J4
 J3
 J2
 J1
 BOTTOM

NOTE: CHANGE THE NUMBER BELOW TO CORRESPOND
 TO DESIRED CONNECTOR SECTION (1=J1, 2=J2, ETC.).
 THE GED 'SECTION' COMMAND WILL NOT WORK.

SEC=2

GROUND ALL PINS
 ON THIS ROW!

101	MB2 XRO RD DATA<2>
102	MB1 XRO RD DATA<8>
103	MB1 XRO RD DATA<3>
104	MB1 XRO RD DATA<12>
105	MB1 XRO RD DATA<11>
106	MB1 XRO RD DATA<10>
107	MB1 XRO RD DATA<4>
108	MB1 XRO RD DATA<3>
109	MB1 XRO RD DATA<2>
110	MB0 XRO RD DATA<8>
111	MB0 XRO RD DATA<12>
112	MB0 XRO RD DATA<11>
113	MB0 XRO RD DATA<10>
114	MB0 XRO RD DATA<4>
115	MB0 XRO RD DATA<3>
116	MB0 XRO RD DATA<2>
117	XRO IAB RD DATA<0>
118	XRO IAB RD PAR<1>
119	XRO IAB RD PAR<0>
120	XRO IAB RD HDY
121	MB3 XRO RD DATA<9>
122	MB3 XRO RD DATA<8>
123	MB3 XRO RD DATA<1>
124	MB3 XRO RD DATA<0>
125	MB3 XRO RD PAR<1>
126	MB3 XRO RD PAR<0>
127	MB3 XRO RD HDY
128	SP3 XRO RD PAR ERR
129	MB2 XRO RD DATA<9>
130	MB2 XRO RD DATA<8>
131	MB2 XRO RD DATA<1>
132	MB2 XRO RD DATA<0>
133	MB2 XRO RD PAR<1>
134	MB2 XRO RD PAR<0>
135	MB2 XRO RD HDY
136	MB1 XRO RD DATA<9>
137	MB1 XRO RD DATA<8>
138	MB1 XRO RD DATA<1>
139	MB1 XRO RD DATA<0>
140	MB1 XRO RD DATA<0>

201	XRO SP2 RD DATA<2>
202	XRO SP1 RD DATA<8>
203	XRO SP1 RD DATA<3>
204	XRO SP1 RD DATA<12>
205	XRO SP1 RD DATA<11>
206	XRO SP1 RD DATA<10>
207	XRO SP1 RD DATA<4>
208	XRO SP1 RD DATA<3>
209	XRO SP1 RD DATA<2>
210	XRO SP0 RD DATA<8>
211	XRO SP0 RD DATA<12>
212	XRO SP0 RD DATA<11>
213	XRO SP0 RD DATA<10>
214	XRO SP0 RD DATA<4>
215	XRO SP0 RD DATA<3>
216	XRO SP0 RD DATA<2>
217	XRO SP0 RD DATA<2>
218	IAB XRO RD PAR ERR
219	XRO IAB RD DATA<9>
220	XRO IAB RD DATA<8>
221	XRO IAB RD DATA<1>
222	XRO SP3 RD DATA<9>
223	XRO SP3 RD DATA<8>
224	XRO SP3 RD DATA<1>
225	XRO SP3 RD DATA<0>
226	XRO SP3 RD PAR<1>
227	XRO SP3 RD PAR<0>
228	XRO SP3 RD HDY
229	SP2 XRO RD PAR ERR
230	XRO SP2 RD DATA<9>
231	XRO SP2 RD DATA<8>
232	XRO SP2 RD DATA<1>
233	XRO SP2 RD DATA<0>
234	XRO SP2 RD PAR<1>
235	XRO SP2 RD PAR<0>
236	XRO SP2 RD HDY
237	XRO SP1 RD DATA<9>
238	XRO SP1 RD DATA<8>
239	XRO SP1 RD DATA<1>
240	XRO SP1 RD DATA<0>

301	XRO SP5 RD DATA<2>
302	XRO SP6 RD DATA<8>
303	XRO SP6 RD DATA<3>
304	XRO SP6 RD DATA<12>
305	XRO SP6 RD DATA<11>
306	XRO SP6 RD DATA<10>
307	XRO SP6 RD DATA<4>
308	XRO SP6 RD DATA<3>
309	XRO SP6 RD DATA<2>
310	XRO SP7 RD DATA<8>
311	XRO SP7 RD DATA<12>
312	XRO SP7 RD DATA<11>
313	XRO SP7 RD DATA<10>
314	XRO SP7 RD DATA<4>
315	XRO SP7 RD DATA<3>
316	XRO SP7 RD DATA<2>
317	XRO SP7 RD DATA<2>
318	CU XRO RD DATA<9>
319	CU XRO RD DATA<8>
320	CU XRO RD DATA<1>
321	CU XRO RD DATA<0>
322	XRO SP4 RD DATA<9>
323	XRO SP4 RD DATA<8>
324	XRO SP4 RD DATA<1>
325	XRO SP4 RD DATA<0>
326	XRO SP4 RD PAR<1>
327	XRO SP4 RD PAR<0>
328	XRO SP4 RD HDY
329	SP5 XRO RD PAR ERR
330	XRO SP5 RD DATA<9>
331	XRO SP5 RD DATA<8>
332	XRO SP5 RD DATA<1>
333	XRO SP5 RD DATA<0>
334	XRO SP5 RD PAR<1>
335	XRO SP5 RD PAR<0>
336	XRO SP5 RD HDY
337	XRO SP6 RD DATA<9>
338	XRO SP6 RD DATA<8>
339	XRO SP6 RD DATA<1>
340	XRO SP6 RD DATA<0>

401	MB5 XRO RD DATA<2>
402	MB6 XRO RD DATA<8>
403	MB6 XRO RD DATA<3>
404	MB6 XRO RD DATA<12>
405	MB6 XRO RD DATA<11>
406	MB6 XRO RD DATA<10>
407	MB6 XRO RD DATA<4>
408	MB6 XRO RD DATA<3>
409	MB6 XRO RD DATA<2>
410	MB7 XRO RD DATA<8>
411	MB7 XRO RD DATA<12>
412	MB7 XRO RD DATA<11>
413	MB7 XRO RD DATA<10>
414	MB7 XRO RD DATA<4>
415	MB7 XRO RD DATA<3>
416	MB7 XRO RD DATA<2>
417	MB7 XRO RD DATA<2>
418	CU XRO RD DATA<9>
419	CU XRO RD DATA<8>
420	CU XRO RD DATA<1>
421	CU XRO RD DATA<0>
422	MB4 XRO RD DATA<9>
423	MB4 XRO RD DATA<8>
424	MB4 XRO RD DATA<1>
425	MB4 XRO RD DATA<0>
426	MB4 XRO RD PAR<1>
427	MB4 XRO RD PAR<0>
428	MB4 XRO RD HDY
429	SP4 XRO RD PAR ERR
430	MB5 XRO RD DATA<9>
431	MB5 XRO RD DATA<8>
432	MB5 XRO RD DATA<1>
433	MB5 XRO RD DATA<0>
434	MB5 XRO RD PAR<1>
435	MB5 XRO RD PAR<0>
436	MB5 XRO RD HDY
437	MB6 XRO RD DATA<9>
438	MB6 XRO RD DATA<8>
439	MB6 XRO RD DATA<1>
440	MB6 XRO RD DATA<0>

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TITLE: XBP XBAR RETURN BOARD
 DRAWING: 411-000252-300A Rev 0.0
 REVISED: Wed Mar 26 17:17:24 1990

ABBR: XBP
 ENGR: GOLEMBESKI

PAGE: 8

8 7 6 3 2 1

AUGAT-NGC-800
BACKPLANE VERSION
800 SIGNALS + 200 GROUNDS IN 5 SECTIONS
XRT0 1P

BOARD=XRT

TOP
J5
J4
J3
J2
J1
BOTTOM

NOTE: CHANGE THE NUMBER BELOW TO CORRESPOND
TO DESIRED CONNECTOR SECTION (1=J1, 2=J2, ETC.).
THE GED 'SECTION' COMMAND WILL NOT WORK.

SEC=5

GROUND ALL PINS
ON THIS ROW!

101	XC XRO SCAN CTL<2>
102	XC XRO SCAN IN
103	XRO IAB RD PAR<3>
104	XRO IAB RD PAR<2>
105	XRO IAB RD DATA<25>
106	MB3 XRO RD PAR<3>
107	MB3 XRO RD PAR<2>
108	MB3 XRO RD DATA<25>
109	MB3 XRO RD DATA<24>
110	MB3 XRO RD DATA<17>
111	MB3 XRO RD DATA<16>
112	MB2 XRO RD PAR<3>
113	MB2 XRO RD PAR<2>
114	MB2 XRO RD DATA<25>
115	MB2 XRO RD DATA<24>
116	MB2 XRO RD DATA<17>
117	MB2 XRO RD DATA<16>
118	MB1 XRO RD PAR<3>
119	MB1 XRO RD PAR<2>
120	MB1 XRO RD DATA<25>
121	MB1 XRO RD DATA<24>
122	MB1 XRO RD DATA<17>
123	MB1 XRO RD DATA<16>
124	MB0 XRO RD PAR<3>
125	MB0 XRO RD PAR<2>
126	MB0 XRO RD DATA<25>
127	MB0 XRO RD DATA<24>
128	MB0 XRO RD DATA<17>
129	MB0 XRO RD DATA<16>
130	XRO IAB RD DATA<26>
131	XRO IAB RD DATA<27>
132	XRO IAB RD DATA<26>
133	XRO IAB RD DATA<20>
134	MB3 XRO RD DATA<28>
135	MB3 XRO RD DATA<27>
136	MB3 XRO RD DATA<26>
137	MB3 XRO RD DATA<20>
138	MB3 XRO RD DATA<19>
139	MB3 XRO RD DATA<18>
140	MB3 XRO RD DATA<31>

201	XC XRO SCAN CTL<1>
202	XRO XC SCAN OUT
203	XRO IAB RD DATA<24>
204	XRO IAB RD DATA<17>
205	XRO IAB RD DATA<16>
206	XRO SP3 RD PAR<3>
207	XRO SP3 RD PAR<2>
208	XRO SP3 RD DATA<25>
209	XRO SP3 RD DATA<24>
210	XRO SP3 RD DATA<17>
211	XRO SP3 RD DATA<16>
212	XRO SP2 RD PAR<3>
213	XRO SP2 RD PAR<2>
214	XRO SP2 RD DATA<25>
215	XRO SP2 RD DATA<24>
216	XRO SP2 RD DATA<17>
217	XRO SP2 RD DATA<16>
218	XRO SP1 RD PAR<3>
219	XRO SP1 RD PAR<2>
220	XRO SP1 RD DATA<25>
221	XRO SP1 RD DATA<24>
222	XRO SP1 RD DATA<17>
223	XRO SP1 RD DATA<16>
224	XRO SP0 RD PAR<3>
225	XRO SP0 RD PAR<2>
226	XRO SP0 RD DATA<25>
227	XRO SP0 RD DATA<24>
228	XRO SP0 RD DATA<17>
229	XRO SP0 RD DATA<16>
230	XRO IAB RD DATA<19>
231	XRO IAB RD DATA<18>
232	XRO IAB RD DATA<31>
233	XRO IAB RD DATA<30>
234	XRO SP3 RD DATA<28>
235	XRO SP3 RD DATA<27>
236	XRO SP3 RD DATA<26>
237	XRO SP3 RD DATA<20>
238	XRO SP3 RD DATA<19>
239	XRO SP3 RD DATA<18>
240	XRO SP3 RD DATA<31>

301	XC XRO SCAN CTL<0>
302	XC XRO CONFLICT LOAD
303	CU XRO RD PAR<3>
304	CU XRO RD PAR<2>
305	CU XRO RD DATA<25>
306	XRO SP4 RD PAR<3>
307	XRO SP4 RD PAR<2>
308	XRO SP4 RD DATA<25>
309	XRO SP4 RD DATA<24>
310	XRO SP4 RD DATA<17>
311	XRO SP4 RD DATA<16>
312	XRO SP3 RD PAR<3>
313	XRO SP3 RD PAR<2>
314	XRO SP3 RD DATA<25>
315	XRO SP3 RD DATA<24>
316	XRO SP3 RD DATA<17>
317	XRO SP3 RD DATA<16>
318	XRO SP6 RD PAR<3>
319	XRO SP6 RD PAR<2>
320	XRO SP6 RD DATA<25>
321	XRO SP6 RD DATA<24>
322	XRO SP6 RD DATA<17>
323	XRO SP6 RD DATA<16>
324	XRO SP7 RD PAR<3>
325	XRO SP7 RD PAR<2>
326	XRO SP7 RD DATA<25>
327	XRO SP7 RD DATA<24>
328	XRO SP7 RD DATA<17>
329	XRO SP7 RD DATA<16>
330	CU XRO RD DATA<26>
331	CU XRO RD DATA<18>
332	CU XRO RD DATA<31>
333	CU XRO RD DATA<30>
334	XRO SP4 RD DATA<28>
335	XRO SP4 RD DATA<27>
336	XRO SP4 RD DATA<26>
337	XRO SP4 RD DATA<20>
338	XRO SP4 RD DATA<19>
339	XRO SP4 RD DATA<18>
340	XRO SP4 RD DATA<31>

401	XRO XC HARD ERROR
402	CU XRO RD DATA<24>
403	CU XRO RD DATA<17>
404	CU XRO RD DATA<16>
405	CU XRO RD DATA<16>
406	MB4 XRO RD PAR<3>
407	MB4 XRO RD PAR<2>
408	MB4 XRO RD DATA<25>
409	MB4 XRO RD DATA<24>
410	MB4 XRO RD DATA<17>
411	MB4 XRO RD DATA<16>
412	MB5 XRO RD PAR<3>
413	MB5 XRO RD PAR<2>
414	MB5 XRO RD DATA<25>
415	MB5 XRO RD DATA<24>
416	MB5 XRO RD DATA<17>
417	MB5 XRO RD DATA<16>
418	MB6 XRO RD PAR<3>
419	MB6 XRO RD PAR<2>
420	MB6 XRO RD DATA<25>
421	MB6 XRO RD DATA<24>
422	MB6 XRO RD DATA<17>
423	MB6 XRO RD DATA<16>
424	MB7 XRO RD PAR<3>
425	MB7 XRO RD PAR<2>
426	MB7 XRO RD DATA<25>
427	MB7 XRO RD DATA<24>
428	MB7 XRO RD DATA<17>
429	MB7 XRO RD DATA<16>
430	CU XRO RD DATA<18>
431	CU XRO RD DATA<18>
432	CU XRO RD DATA<31>
433	CU XRO RD DATA<30>
434	MB4 XRO RD DATA<28>
435	MB4 XRO RD DATA<27>
436	MB4 XRO RD DATA<26>
437	MB4 XRO RD DATA<20>
438	MB4 XRO RD DATA<19>
439	MB4 XRO RD DATA<18>
440	MB4 XRO RD DATA<31>

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TITLE: XBP XBAR RETURN BOARD

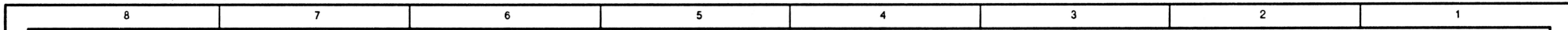
DRAWING: 411-000252-300A Rev 0.0

REVISED: Wed Mar 28 17:18:24 1990

ABBR: XBP

ENGR: GOLEMBIESKI

PAGE: 11



AUGAT-NGC-960
BACKPLANE VERSION
 960 SIGNALS + 240 GROUNDS IN 6 SECTIONS
 XS0E 1P
 BOARD=XS0

TOP
 J6
 J4
 J3
 J2
 J1
 BOTTOM

NOTE: CHANGE THE NUMBER BELOW TO CORRESPOND
 TO DESIRED CONNECTOR SECTION (1=J1, 2=J2, ETC.).
 THE GED 'SECTION' COMMAND WILL NOT WORK.
 SEC=2

GROUND ALL PINS
ON THIS ROW!

101	MB7 XS0E BANK DONE<4>
102	MB7 XS0E BANK DONE<3>
103	MB7 XS0E BANK DONE<2>
104	MB7 XS0E BANK DONE<1>
105	MB7 XS0E BANK DONE<0>
106	XS0E IAB.A HEO NEXT
107	XS0E SP2.A HEO NEXT
108	XS0E SP2.A HEO PEND
109	XS0E SP2.A ST PEND
110	XS0E SP0.A HEO NEXT
111	XS0E SP0.A HEO PEND
112	XS0E SP0.A ST PEND
113	XS0E MB3.FRDY
114	XS0E MB3.REF HEO
115	MB3 XS0E BANK DONE<15>
116	MB3 XS0E BANK DONE<14>
117	MB3 XS0E BANK DONE<13>
118	MB3 XS0E BANK DONE<12>
119	MB3 XS0E BANK DONE<11>
120	MB3 XS0E BANK DONE<10>
121	MB3 XS0E BANK DONE<9>
122	MB3 XS0E BANK DONE<8>
123	MB3 XS0E BANK DONE<7>
124	MB3 XS0E BANK DONE<6>
125	MB3 XS0E BANK DONE<5>
126	MB3 XS0E BANK DONE<4>
127	MB3 XS0E BANK DONE<3>
128	MB3 XS0E BANK DONE<2>
129	MB3 XS0E BANK DONE<1>
130	MB3 XS0E BANK DONE<0>
131	MB0 XS0E SEND PAR EHH
132	XC XS0E REF HEO
133	IAB XS0E SPARE1
134	XS0E MB3 SPARE1
135	XS0E MB3 SPARE1
136	XS0E MB2 SPARE1
137	XS0E MB2 SPARE1
138	XS0E MB1 SPARE1
139	XS0E MB1 SPARE1
140	XS0E MB0 SPARE1

201	MB6 XS0E BANK DONE<4>
202	MB6 XS0E BANK DONE<3>
203	MB6 XS0E BANK DONE<2>
204	MB6 XS0E BANK DONE<1>
205	MB6 XS0E BANK DONE<0>
206	XS0E IAB.A HEO PEND
207	XS0E SP3.A HEO NEXT
208	XS0E SP3.A HEO PEND
209	XS0E SP3.A ST PEND
210	XS0E SP1.A HEO NEXT
211	XS0E SP1.A HEO PEND
212	XS0E SP1.A ST PEND
213	XS0E MB2.FRDY
214	XS0E MB2.REF HEO
215	MB2 XS0E BANK DONE<15>
216	MB2 XS0E BANK DONE<14>
217	MB2 XS0E BANK DONE<13>
218	MB2 XS0E BANK DONE<12>
219	MB2 XS0E BANK DONE<11>
220	MB2 XS0E BANK DONE<10>
221	MB2 XS0E BANK DONE<9>
222	MB2 XS0E BANK DONE<8>
223	MB2 XS0E BANK DONE<7>
224	MB2 XS0E BANK DONE<6>
225	MB2 XS0E BANK DONE<5>
226	MB2 XS0E BANK DONE<4>
227	MB2 XS0E BANK DONE<3>
228	MB2 XS0E BANK DONE<2>
229	MB2 XS0E BANK DONE<1>
230	MB2 XS0E BANK DONE<0>
231	MB1 XS0E SEND PAR EHH
232	IAB XS0E SPARE1
233	SP3 XS0E SPARE1
234	SP3 XS0E SPARE1
235	SP2 XS0E SPARE1
236	SP2 XS0E SPARE1
237	SP1 XS0E SPARE1
238	SP1 XS0E SPARE1
239	SP0 XS0E SPARE1
240	SP0 XS0E SPARE1

301	MB5 XS0E BANK DONE<4>
302	MB5 XS0E BANK DONE<3>
303	MB5 XS0E BANK DONE<2>
304	MB5 XS0E BANK DONE<1>
305	MB5 XS0E BANK DONE<0>
306	XS0E IAB.A ST PEND
307	XS0E SP4.A HEO NEXT
308	XS0E SP4.A HEO PEND
309	XS0E SP4.A ST PEND
310	XS0E SP6.A HEO NEXT
311	XS0E SP6.A HEO PEND
312	XS0E SP6.A ST PEND
313	XS0E MB1.FRDY
314	XS0E MB1.REF HEO
315	MB1 XS0E BANK DONE<15>
316	MB1 XS0E BANK DONE<14>
317	MB1 XS0E BANK DONE<13>
318	MB1 XS0E BANK DONE<12>
319	MB1 XS0E BANK DONE<11>
320	MB1 XS0E BANK DONE<10>
321	MB1 XS0E BANK DONE<9>
322	MB1 XS0E BANK DONE<8>
323	MB1 XS0E BANK DONE<7>
324	MB1 XS0E BANK DONE<6>
325	MB1 XS0E BANK DONE<5>
326	MB1 XS0E BANK DONE<4>
327	MB1 XS0E BANK DONE<3>
328	MB1 XS0E BANK DONE<2>
329	MB1 XS0E BANK DONE<1>
330	MB1 XS0E BANK DONE<0>
331	MB6 XS0E SEND PAR EHH
332	XS0E CU SPARE1
333	SP4 XS0E SPARE1
334	SP4 XS0E SPARE1
335	SP5 XS0E SPARE1
336	SP5 XS0E SPARE1
337	SP6 XS0E SPARE1
338	SP6 XS0E SPARE1
339	SP7 XS0E SPARE1
340	SP7 XS0E SPARE1

401	MB4 XS0E BANK DONE<4>
402	MB4 XS0E BANK DONE<3>
403	MB4 XS0E BANK DONE<2>
404	MB4 XS0E BANK DONE<1>
405	MB4 XS0E BANK DONE<0>
406	XS0E CU RDY
407	XS0E SP5.A HEO NEXT
408	XS0E SP5.A HEO PEND
409	XS0E SP5.A ST PEND
410	XS0E SP7.A HEO NEXT
411	XS0E SP7.A HEO PEND
412	XS0E SP7.A ST PEND
413	XS0E MB0.FRDY
414	XS0E MB0.REF HEO
415	MB0 XS0E BANK DONE<15>
416	MB0 XS0E BANK DONE<14>
417	MB0 XS0E BANK DONE<13>
418	MB0 XS0E BANK DONE<12>
419	MB0 XS0E BANK DONE<11>
420	MB0 XS0E BANK DONE<10>
421	MB0 XS0E BANK DONE<9>
422	MB0 XS0E BANK DONE<8>
423	MB0 XS0E BANK DONE<7>
424	MB0 XS0E BANK DONE<6>
425	MB0 XS0E BANK DONE<5>
426	MB0 XS0E BANK DONE<4>
427	MB0 XS0E BANK DONE<3>
428	MB0 XS0E BANK DONE<2>
429	MB0 XS0E BANK DONE<1>
430	MB0 XS0E BANK DONE<0>
431	MB7 XS0E SEND PAR EHH
432	XS0E CU SPARE1
433	XS0E MB4 SPARE1
434	XS0E MB4 SPARE1
435	XS0E MB5 SPARE1
436	XS0E MB5 SPARE1
437	XS0E MB6 SPARE1
438	XS0E MB6 SPARE1
439	XS0E MB7 SPARE1
440	XS0E MB7 SPARE1

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TITLE: XBP XBAR SEND BOARD 0
 DRAWING: 411-000252-300A Rev 0.0
 REVISED: Wed Mar 28 17:20:12 1990

ABBR: XBP
 ENGR: GOLEMBESKI

PAGE: 13



8 7 6 5 4 3 2 1

AUGAT-NGC-960
 BACKPLANE VERSION
 960 SIGNALS + 240 GROUNDS IN 6 SECTIONS
 XS0E 1P
 BOARD=XS0

TOP
 J6
 J5
 J4
 J3
 J2
 J1
 BOTTOM

NOTE: CHANGE THE NUMBER BELOW TO CORRESPOND
 TO DESIRED CONNECTOR SECTION (1=J1, 2=J2, ETC.).
 THE GED 'SECTION' COMMAND WILL NOT WORK.
 SEC=3

GROUND ALL PINS
 ON THIS ROW!

101	IA8 XS0E ADDR<7>
102	XS0E MB3 ADDR<7>
103	XS0E MB3 CYCLE<0>
104	XS0E MB2 ADDR<7>
105	XS0E MB2 CYCLE<0>
106	XS0E MB1 ADDR<7>
107	XS0E MB1 CYCLE<0>
108	XS0E MB0 ADDR<7>
109	XS0E MB0 CYCLE<0>
110	XS0E IA8 B REQ NEXT
111	XS0E IA8 B REQ PEND
112	XS0E SP2 B REQ NEXT
113	XS0E SP2 B REQ PEND
114	XS0E SP2 B ST PEND
115	SP2 XS0E HDY
116	SP2 XS0E BD SEL<3>
117	SP2 XS0E BD SEL<2>
118	SP2 XS0E BD SEL<1>
119	SP2 XS0E BD SEL<0>
120	XS0E SP0 B REQ NEXT
121	XS0E SP0 B REQ PEND
122	XS0E SP0 B ST PEND
123	SP0 XS0E HDY
124	SP0 XS0E BD SEL<3>
125	SP0 XS0E BD SEL<2>
126	SP0 XS0E BD SEL<1>
127	SP0 XS0E BD SEL<0>
128	XS0E MB7 HDY
129	XS0E MB7 REF HEO
130	MB7 XS0E BANK DONE<15>
131	MB7 XS0E BANK DONE<14>
132	MB7 XS0E BANK DONE<13>
133	MB7 XS0E BANK DONE<12>
134	MB7 XS0E BANK DONE<11>
135	MB7 XS0E BANK DONE<10>
136	MB7 XS0E BANK DONE<9>
137	MB7 XS0E BANK DONE<8>
138	MB7 XS0E BANK DONE<7>
139	MB7 XS0E BANK DONE<6>
140	MB7 XS0E BANK DONE<5>

201	IA8 XS0E CYCLE<0>
202	SP3 XS0E ADDR<7>
203	SP3 XS0E CYCLE<0>
204	SP2 XS0E ADDR<7>
205	SP2 XS0E CYCLE<0>
206	SP1 XS0E ADDR<7>
207	SP1 XS0E CYCLE<0>
208	SP0 XS0E ADDR<7>
209	SP0 XS0E CYCLE<0>
210	XS0E IA8 B ST PEND
211	IA8 XS0E HDY
212	XS0E SP3 B REQ NEXT
213	XS0E SP3 B REQ PEND
214	XS0E SP3 B ST PEND
215	SP3 XS0E HDY
216	SP3 XS0E BD SEL<3>
217	SP3 XS0E BD SEL<2>
218	SP3 XS0E BD SEL<1>
219	SP3 XS0E BD SEL<0>
220	XS0E SP1 B REQ NEXT
221	XS0E SP1 B REQ PEND
222	XS0E SP1 B ST PEND
223	SP1 XS0E HDY
224	SP1 XS0E BD SEL<3>
225	SP1 XS0E BD SEL<2>
226	SP1 XS0E BD SEL<1>
227	SP1 XS0E BD SEL<0>
228	XS0E MB6 HDY
229	XS0E MB6 REF HEO
230	MB6 XS0E BANK DONE<15>
231	MB6 XS0E BANK DONE<14>
232	MB6 XS0E BANK DONE<13>
233	MB6 XS0E BANK DONE<12>
234	MB6 XS0E BANK DONE<11>
235	MB6 XS0E BANK DONE<10>
236	MB6 XS0E BANK DONE<9>
237	MB6 XS0E BANK DONE<8>
238	MB6 XS0E BANK DONE<7>
239	MB6 XS0E BANK DONE<6>
240	MB6 XS0E BANK DONE<5>

301	XS0E CU CYCLE<0>
302	SP4 XS0E ADDR<7>
303	SP4 XS0E CYCLE<0>
304	SP4 XS0E ADDR<7>
305	SP5 XS0E CYCLE<0>
306	SP6 XS0E ADDR<7>
307	SP6 XS0E CYCLE<0>
308	SP7 XS0E ADDR<7>
309	SP7 XS0E CYCLE<0>
310	IA8 XS0E BD SEL<3>
311	IA8 XS0E BD SEL<2>
312	XS0E SP4 B REQ NEXT
313	XS0E SP4 B REQ PEND
314	XS0E SP4 B ST PEND
315	SP4 XS0E HDY
316	SP4 XS0E BD SEL<3>
317	SP4 XS0E BD SEL<2>
318	SP4 XS0E BD SEL<1>
319	SP4 XS0E BD SEL<0>
320	XS0E SP6 B REQ NEXT
321	XS0E SP6 B REQ PEND
322	XS0E SP6 B ST PEND
323	SP6 XS0E HDY
324	SP6 XS0E BD SEL<3>
325	SP6 XS0E BD SEL<2>
326	SP6 XS0E BD SEL<1>
327	SP6 XS0E BD SEL<0>
328	XS0E MB5 HDY
329	XS0E MB5 REF HEO
330	MB5 XS0E BANK DONE<15>
331	MB5 XS0E BANK DONE<14>
332	MB5 XS0E BANK DONE<13>
333	MB5 XS0E BANK DONE<12>
334	MB5 XS0E BANK DONE<11>
335	MB5 XS0E BANK DONE<10>
336	MB5 XS0E BANK DONE<9>
337	MB5 XS0E BANK DONE<8>
338	MB5 XS0E BANK DONE<7>
339	MB5 XS0E BANK DONE<6>
340	MB5 XS0E BANK DONE<5>

401	XS0E CU ADDR<7>
402	XS0E MB4 ADDR<7>
403	XS0E MB4 CYCLE<0>
404	XS0E MB5 ADDR<7>
405	XS0E MB5 CYCLE<0>
406	XS0E MB6 ADDR<7>
407	XS0E MB6 CYCLE<0>
408	XS0E MB7 ADDR<7>
409	XS0E MB7 CYCLE<0>
410	IA8 XS0E BD SEL<1>
411	IA8 XS0E BD SEL<0>
412	XS0E SP5 B REQ NEXT
413	XS0E SP5 B REQ PEND
414	XS0E SP5 B ST PEND
415	SP5 XS0E HDY
416	SP5 XS0E BD SEL<3>
417	SP5 XS0E BD SEL<2>
418	SP5 XS0E BD SEL<1>
419	SP5 XS0E BD SEL<0>
420	XS0E SP7 B REQ NEXT
421	XS0E SP7 B REQ PEND
422	XS0E SP7 B ST PEND
423	SP7 XS0E HDY
424	SP7 XS0E BD SEL<3>
425	SP7 XS0E BD SEL<2>
426	SP7 XS0E BD SEL<1>
427	SP7 XS0E BD SEL<0>
428	XS0E MB4 HDY
429	XS0E MB4 REF HEO
430	MB4 XS0E BANK DONE<15>
431	MB4 XS0E BANK DONE<14>
432	MB4 XS0E BANK DONE<13>
433	MB4 XS0E BANK DONE<12>
434	MB4 XS0E BANK DONE<11>
435	MB4 XS0E BANK DONE<10>
436	MB4 XS0E BANK DONE<9>
437	MB4 XS0E BANK DONE<8>
438	MB4 XS0E BANK DONE<7>
439	MB4 XS0E BANK DONE<6>
440	MB4 XS0E BANK DONE<5>

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101 - 409 ARE SIGNALS FOR SXBR0
 110 - 427 ARE SIGNALS FOR XARBB AND XARBA (EXCEPT XPEND)
 128 - ARE NON CRITICAL SIGNALS FOR XARBB

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TITLE: XBP XBAR SEND BOARD 0
 DRAWING: 411-000252-300A Rev 0.0
 REVISED: Wed Mar 28 17:21:39 1990

ABBR: XBP
 ENGR: GOLENBESKI

PAGE: 14

8 7 6 5 4 3 2 1

8 7 6 5 4 3 2 1

AUGAT-NGC-960
BACKPLANE VERSION
 960 SIGNALS + 240 GROUNDS IN 6 SECTIONS
 XS0E 1P
 BOARD=XS0

TOP
 J6
 J5
 J4
 J3
 J2
 J1
 BOTTOM

NOTE: CHANGE THE NUMBER BELOW TO CORRESPOND TO DESIRED CONNECTOR SECTION (1=J1, 2=J2, ETC.). THE GED 'SECTION' COMMAND WILL NOT WORK.
 SEC=4

GROUND ALL PINS ON THIS ROW!

101	XS0E MB2 ADDR<10>
102	XS0E MB2 ADDR<9>
103	XS0E MB2 ADDR<8>
104	XS0E MB1 ADDR<14>
105	XS0E MB1 ADDR<13>
106	XS0E MB1 ADDR<12>
107	XS0E MB1 ADDR<11>
108	XS0E MB1 ADDR<10>
109	XS0E MB1 ADDR<9>
110	XS0E MB1 ADDR<8>
111	XS0E MB0 ADDR<14>
112	XS0E MB0 ADDR<13>
113	XS0E MB0 ADDR<12>
114	XS0E MB0 ADDR<11>
115	XS0E MB0 ADDR<10>
116	XS0E MB0 ADDR<9>
117	XS0E MB0 ADDR<8>
118	XS0E CU ADDR<6>
119	XS0E MB3 ADDR<6>
120	XS0E MB3 ADDR<5>
121	XS0E MB3 CYCLE<1>
122	XS0E MB2 ADDR<6>
123	XS0E MB2 ADDR<5>
124	XS0E MB1 ADDR<6>
125	XS0E MB1 ADDR<5>
126	XS0E MB0 CYCLE<1>
127	XS0E MB0 ADDR<6>
128	XS0E MB0 ADDR<5>
129	IAB XS0E CYCLE<1>
130	IAB XS0E ADDR<5>
131	SP3 XS0E ADDR<6>
132	SP3 XS0E ADDR<5>
133	SP3 XS0E CYCLE<1>
134	SP2 XS0E ADDR<6>
135	SP2 XS0E ADDR<5>
136	SP1 XS0E ADDR<6>
137	SP1 XS0E ADDR<5>
138	SP0 XS0E CYCLE<1>
139	SP0 XS0E ADDR<6>
140	SP0 XS0E ADDR<5>

201	SP2 XS0E ADDR<10>
202	SP2 XS0E ADDR<9>
203	SP2 XS0E ADDR<8>
204	SP1 XS0E ADDR<14>
205	SP1 XS0E ADDR<13>
206	SP1 XS0E ADDR<12>
207	SP1 XS0E ADDR<11>
208	SP1 XS0E ADDR<10>
209	SP1 XS0E ADDR<9>
210	SP1 XS0E ADDR<8>
211	SP0 XS0E ADDR<14>
212	SP0 XS0E ADDR<13>
213	SP0 XS0E ADDR<12>
214	SP0 XS0E ADDR<11>
215	SP0 XS0E ADDR<10>
216	SP0 XS0E ADDR<9>
217	SP0 XS0E ADDR<8>
218	XS0E CU CYCLE<1>
219	XS0E CU ADDR<6>
220	XS0E MB3 ADDR<6>
221	XS0E MB3 ADDR<5>
222	XS0E MB3 CYCLE<1>
223	XS0E MB2 ADDR<6>
224	XS0E MB2 ADDR<5>
225	XS0E MB1 ADDR<6>
226	XS0E MB1 ADDR<5>
227	XS0E MB0 CYCLE<1>
228	XS0E MB0 ADDR<6>
229	XS0E MB0 ADDR<5>
230	IAB XS0E ADDR<5>
231	SP3 XS0E ADDR<6>
232	SP3 XS0E ADDR<5>
233	SP3 XS0E CYCLE<1>
234	SP2 XS0E ADDR<6>
235	SP2 XS0E ADDR<5>
236	SP1 XS0E ADDR<6>
237	SP1 XS0E ADDR<5>
238	SP0 XS0E CYCLE<1>
239	SP0 XS0E ADDR<6>
240	SP0 XS0E ADDR<5>

301	SP5 XS0E ADDR<11>
302	SP5 XS0E ADDR<10>
303	SP5 XS0E ADDR<9>
304	SP5 XS0E ADDR<8>
305	SP6 XS0E ADDR<14>
306	SP6 XS0E ADDR<13>
307	SP6 XS0E ADDR<12>
308	SP6 XS0E ADDR<11>
309	SP6 XS0E ADDR<10>
310	SP6 XS0E ADDR<9>
311	SP6 XS0E ADDR<8>
312	SP7 XS0E ADDR<14>
313	SP7 XS0E ADDR<13>
314	SP7 XS0E ADDR<12>
315	SP7 XS0E ADDR<11>
316	SP7 XS0E ADDR<10>
317	SP7 XS0E ADDR<9>
318	SP7 XS0E ADDR<8>
319	XS0E CU ADDR<6>
320	XS0E MB3 ADDR<6>
321	XS0E MB3 ADDR<5>
322	XS0E MB3 CYCLE<1>
323	XS0E MB2 ADDR<6>
324	XS0E MB2 ADDR<5>
325	XS0E MB1 ADDR<6>
326	XS0E MB1 ADDR<5>
327	XS0E MB0 CYCLE<1>
328	XS0E MB0 ADDR<6>
329	XS0E MB0 ADDR<5>
330	IAB XS0E ADDR<5>
331	SP4 XS0E ADDR<6>
332	SP4 XS0E ADDR<5>
333	SP4 XS0E CYCLE<1>
334	SP5 XS0E ADDR<6>
335	SP5 XS0E ADDR<5>
336	SP6 XS0E ADDR<6>
337	SP6 XS0E ADDR<5>
338	SP6 XS0E CYCLE<1>
339	SP7 XS0E ADDR<6>
340	SP7 XS0E ADDR<5>

401	XS0E MB5 ADDR<11>
402	XS0E MB5 ADDR<10>
403	XS0E MB5 ADDR<9>
404	XS0E MB5 ADDR<8>
405	XS0E MB6 ADDR<14>
406	XS0E MB6 ADDR<13>
407	XS0E MB6 ADDR<12>
408	XS0E MB6 ADDR<11>
409	XS0E MB6 ADDR<10>
410	XS0E MB6 ADDR<9>
411	XS0E MB6 ADDR<8>
412	XS0E MB7 ADDR<14>
413	XS0E MB7 ADDR<13>
414	XS0E MB7 ADDR<12>
415	XS0E MB7 ADDR<11>
416	XS0E MB7 ADDR<10>
417	XS0E MB7 ADDR<9>
418	XS0E MB7 ADDR<8>
419	XS0E CU ADDR<6>
420	XS0E MB4 ADDR<6>
421	XS0E MB4 ADDR<5>
422	XS0E MB4 CYCLE<1>
423	XS0E MB3 ADDR<6>
424	XS0E MB3 ADDR<5>
425	XS0E MB2 ADDR<6>
426	XS0E MB2 ADDR<5>
427	XS0E MB1 CYCLE<1>
428	XS0E MB1 ADDR<6>
429	XS0E MB1 ADDR<5>
430	IAB XS0E ADDR<5>
431	SP4 XS0E ADDR<6>
432	SP4 XS0E ADDR<5>
433	SP4 XS0E CYCLE<1>
434	SP5 XS0E ADDR<6>
435	SP5 XS0E ADDR<5>
436	SP6 XS0E ADDR<6>
437	SP6 XS0E ADDR<5>
438	SP7 XS0E CYCLE<1>
439	SP7 XS0E ADDR<6>
440	SP7 XS0E ADDR<5>

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X30 - X40 ARE CRITICAL SIGNALS THAT GO TO SXBR0, XARBB AND XARBA
 X_XS0.ADDR<3..0> AND CYCLE<1>

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TITLE: XBP XBAR SEND BOARD 0
 DRAWING: 411-000252-300A Rev 0.0
 REVISED: Wed Mar 28 17:24:13 1990

ABBR: XBP
 ENGR: GOLEMBIESKI

PAGE: 15

8 7 6 3 2 1

8 7 6 5 4 3 2 1

AUGAT-NGC-960
 BACKPLANE VERSION
 960 SIGNALS + 240 GROUNDS IN 6 SECTIONS
 XS0E 1P
 BOARD=XS0

TOP
 J6
 J5
 J4
 J3
 J2
 J1
 BOTTOM

NOTE: CHANGE THE NUMBER BELOW TO CORRESPOND
 TO DESIRED CONNECTOR SECTION (1=J1, 2=J2, ETC.).
 THE GED 'SECTION' COMMAND WILL NOT WORK.
 SEC=5

GROUND ALL PINS
 ON THIS ROW!

101	XS0E MB3 ADDR<19>
102	XS0E MB3 ADDR<18>
103	XS0E MB3 ADDR<17>
104	XS0E MB3 ADDR<16>
105	XS0E MB3 ADDR<15>
106	XS0E MB3 ADDR<14>
107	XS0E MB2 ADDR<20>
108	XS0E MB2 ADDR<19>
109	XS0E MB2 ADDR<18>
110	XS0E MB2 ADDR<17>
111	XS0E MB2 ADDR<16>
112	XS0E MB2 ADDR<15>
113	XS0E MB1 ADDR<21>
114	XS0E MB1 ADDR<20>
115	XS0E MB1 ADDR<19>
116	XS0E MB1 ADDR<18>
117	XS0E MB1 ADDR<17>
118	XS0E MB1 ADDR<16>
119	XS0E MB1 ADDR<15>
120	XS0E MB0 ADDR<20>
121	XS0E MB0 ADDR<19>
122	XS0E MB0 ADDR<18>
123	XS0E MB0 ADDR<17>
124	XS0E MB0 ADDR<16>
125	XS0E MB0 ADDR<15>
126	XS0E MB0 ADDR<14>
127	XS0E MB0 ADDR<13>
128	XS0E MB0 ADDR<12>
129	XS0E MB0 ADDR<11>
130	XS0E MB3 ADDR<14>
131	XS0E MB3 ADDR<13>
132	XS0E MB3 ADDR<12>
133	XS0E MB3 ADDR<11>
134	XS0E MB3 ADDR<10>
135	XS0E MB3 ADDR<9>
136	XS0E MB3 ADDR<8>
137	XS0E MB2 ADDR<14>
138	XS0E MB2 ADDR<13>
139	XS0E MB2 ADDR<12>
140	XS0E MB2 ADDR<11>

201	SP3 XS0E ADDR<19>
202	SP3 XS0E ADDR<18>
203	SP3 XS0E ADDR<17>
204	SP3 XS0E ADDR<16>
205	SP3 XS0E ADDR<15>
206	SP2 XS0E ADDR<20>
207	SP2 XS0E ADDR<19>
208	SP2 XS0E ADDR<18>
209	SP2 XS0E ADDR<17>
210	SP2 XS0E ADDR<16>
211	SP2 XS0E ADDR<15>
212	SP1 XS0E ADDR<21>
213	SP1 XS0E ADDR<20>
214	SP1 XS0E ADDR<19>
215	SP1 XS0E ADDR<18>
216	SP1 XS0E ADDR<17>
217	SP1 XS0E ADDR<16>
218	SP1 XS0E ADDR<15>
219	SP1 XS0E ADDR<14>
220	SP0 XS0E ADDR<20>
221	SP0 XS0E ADDR<19>
222	SP0 XS0E ADDR<18>
223	SP0 XS0E ADDR<17>
224	SP0 XS0E ADDR<16>
225	SP0 XS0E ADDR<15>
226	SP0 XS0E ADDR<14>
227	SP0 XS0E ADDR<13>
228	SP0 XS0E ADDR<12>
229	SP0 XS0E ADDR<11>
230	SP4 XS0E ADDR<14>
231	SP4 XS0E ADDR<13>
232	SP4 XS0E ADDR<12>
233	SP4 XS0E ADDR<11>
234	SP4 XS0E ADDR<10>
235	SP3 XS0E ADDR<9>
236	SP3 XS0E ADDR<8>
237	SP3 XS0E ADDR<7>
238	SP2 XS0E ADDR<13>
239	SP2 XS0E ADDR<12>
240	SP2 XS0E ADDR<11>

301	SP4 XS0E ADDR<19>
302	SP4 XS0E ADDR<18>
303	SP4 XS0E ADDR<17>
304	SP4 XS0E ADDR<16>
305	SP4 XS0E ADDR<15>
306	SP5 XS0E ADDR<20>
307	SP5 XS0E ADDR<19>
308	SP5 XS0E ADDR<18>
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310	SP5 XS0E ADDR<16>
311	SP5 XS0E ADDR<15>
312	SP6 XS0E ADDR<21>
313	SP6 XS0E ADDR<20>
314	SP6 XS0E ADDR<19>
315	SP6 XS0E ADDR<18>
316	SP6 XS0E ADDR<17>
317	SP6 XS0E ADDR<16>
318	SP6 XS0E ADDR<15>
319	SP6 XS0E ADDR<14>
320	SP7 XS0E ADDR<20>
321	SP7 XS0E ADDR<19>
322	SP7 XS0E ADDR<18>
323	SP7 XS0E ADDR<17>
324	SP7 XS0E ADDR<16>
325	SP7 XS0E ADDR<15>
326	SP7 XS0E ADDR<14>
327	SP7 XS0E ADDR<13>
328	SP7 XS0E ADDR<12>
329	SP7 XS0E ADDR<11>
330	SP4 XS0E ADDR<14>
331	SP4 XS0E ADDR<13>
332	SP4 XS0E ADDR<12>
333	SP4 XS0E ADDR<11>
334	SP4 XS0E ADDR<10>
335	SP4 XS0E ADDR<9>
336	SP4 XS0E ADDR<8>
337	SP4 XS0E ADDR<7>
338	SP5 XS0E ADDR<13>
339	SP5 XS0E ADDR<12>
340	SP5 XS0E ADDR<11>

401	XS0E MB4 ADDR<19>
402	XS0E MB4 ADDR<18>
403	XS0E MB4 ADDR<17>
404	XS0E MB4 ADDR<16>
405	XS0E MB4 ADDR<15>
406	XS0E MB5 ADDR<20>
407	XS0E MB5 ADDR<19>
408	XS0E MB5 ADDR<18>
409	XS0E MB5 ADDR<17>
410	XS0E MB5 ADDR<16>
411	XS0E MB5 ADDR<15>
412	XS0E MB6 ADDR<21>
413	XS0E MB6 ADDR<20>
414	XS0E MB6 ADDR<19>
415	XS0E MB6 ADDR<18>
416	XS0E MB6 ADDR<17>
417	XS0E MB6 ADDR<16>
418	XS0E MB6 ADDR<15>
419	XS0E MB6 ADDR<14>
420	XS0E MB7 ADDR<20>
421	XS0E MB7 ADDR<19>
422	XS0E MB7 ADDR<18>
423	XS0E MB7 ADDR<17>
424	XS0E MB7 ADDR<16>
425	XS0E MB7 ADDR<15>
426	XS0E MB7 ADDR<14>
427	XS0E MB7 ADDR<13>
428	XS0E MB7 ADDR<12>
429	XS0E MB7 ADDR<11>
430	XS0E MB7 ADDR<10>
431	XS0E MB4 ADDR<14>
432	XS0E MB4 ADDR<13>
433	XS0E MB4 ADDR<12>
434	XS0E MB4 ADDR<11>
435	XS0E MB4 ADDR<10>
436	XS0E MB4 ADDR<9>
437	XS0E MB4 ADDR<8>
438	XS0E MB5 ADDR<13>
439	XS0E MB5 ADDR<12>
440	XS0E MB5 ADDR<11>

501	GNDIG
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TITLE: XBP XBAR SEND BOARD 0
 DRAWING: 411-000252-300A Rev 0.0
 REVISED: Wed Mar 28 17:27:36 1990

ABBR: XBP
 ENGR: GOLENBIESKI

PAGE: 16

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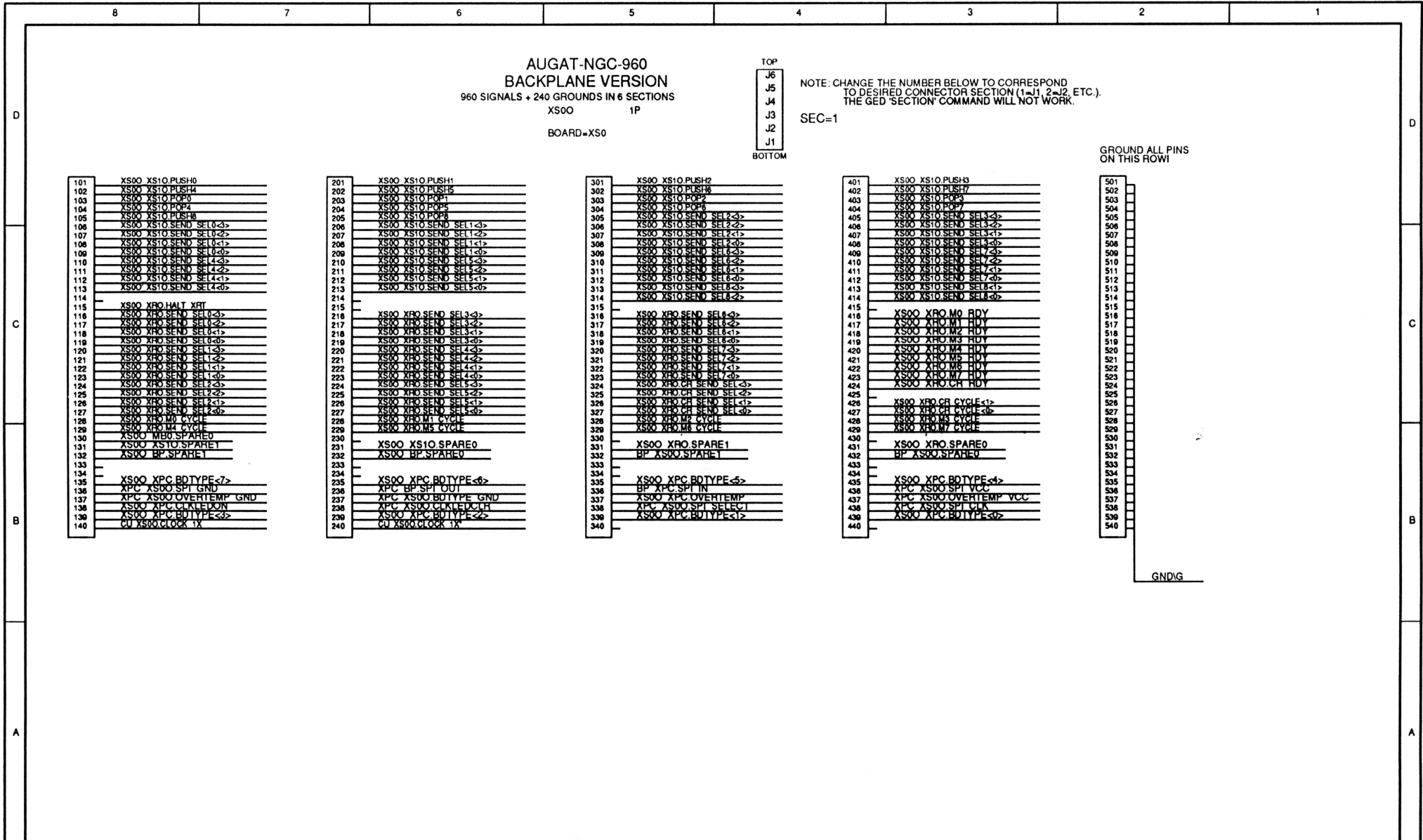
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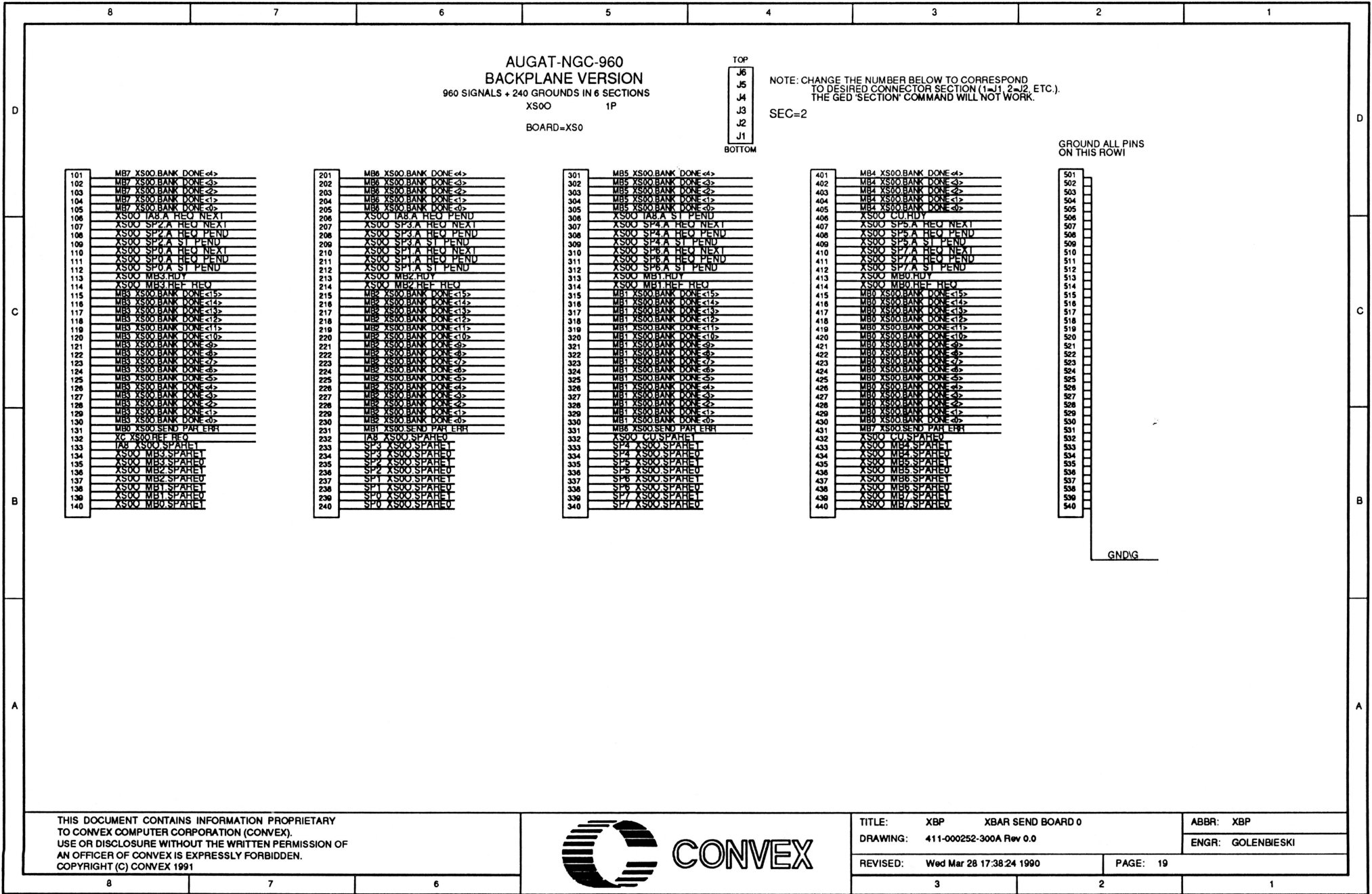
1



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TITLE: XBP XBAR SEND BOARD 0	ABBR: XBP
DRAWING: 411-000252-300A Rev 0.0	ENGR: GOLENBIESKI
REVISED: Wed Mar 28 17:34:54 1990	PAGE: 18



AUGAT-NGC-960
BACKPLANE VERSION
 960 SIGNALS + 240 GROUNDS IN 6 SECTIONS
 XS00 1P
 BOARD=XS0

TOP
 J6
 J5
 J4
 J3
 J2
 J1
 BOTTOM

NOTE: CHANGE THE NUMBER BELOW TO CORRESPOND
 TO DESIRED CONNECTOR SECTION (1=J1, 2=J2, ETC.).
 THE GED 'SECTION' COMMAND WILL NOT WORK.
 SEC=2

GROUND ALL PINS ON THIS ROW!

101	MB7 XS00 BANK DONE<1>
102	MB7 XS00 BANK DONE<2>
103	MB7 XS00 BANK DONE<2>
104	MB7 XS00 BANK DONE<1>
105	MB7 XS00 BANK DONE<2>
106	XS00 IAB.A REQ NEXT
107	XS00 SP2A REQ NEXT
108	XS00 SP2A REQ PEND
109	XS00 SP2A ST PEND
110	XS00 SP0A REQ NEXT
111	XS00 SP0A REQ PEND
112	XS00 SP0A ST PEND
113	XS00 MB3.RDY
114	XS00 MB3.HIF REQ
115	MB3 XS00 BANK DONE<1>
116	MB3 XS00 BANK DONE<1>
117	MB3 XS00 BANK DONE<1>
118	MB3 XS00 BANK DONE<1>
119	MB3 XS00 BANK DONE<1>
120	MB3 XS00 BANK DONE<10>
121	MB3 XS00 BANK DONE<9>
122	MB3 XS00 BANK DONE<8>
123	MB3 XS00 BANK DONE<7>
124	MB3 XS00 BANK DONE<6>
125	MB3 XS00 BANK DONE<5>
126	MB3 XS00 BANK DONE<4>
127	MB3 XS00 BANK DONE<3>
128	MB3 XS00 BANK DONE<2>
129	MB3 XS00 BANK DONE<1>
130	MB0 XS00 BANK DONE<2>
131	MB0 XS00 SEND PAR EHH
132	XC XS00.HIF REQ
133	IAB XS00.SPARET
134	SP3 XS00.SPARET
135	XS00 MB3.SPARET
136	XS00 MB2.SPARET
137	XS00 MB1.SPARET
138	XS00 MB0.SPARET
139	XS00 MB7.SPARET
140	XS00 MB0.SPARET

201	MB6 XS00 BANK DONE<1>
202	MB6 XS00 BANK DONE<2>
203	MB6 XS00 BANK DONE<2>
204	MB6 XS00 BANK DONE<1>
205	MB6 XS00 BANK DONE<2>
206	XS00 IAB.A REQ NEXT
207	XS00 SP3A REQ NEXT
208	XS00 SP3A REQ PEND
209	XS00 SP3A ST PEND
210	XS00 SP0A REQ NEXT
211	XS00 SP0A REQ PEND
212	XS00 SP0A ST PEND
213	XS00 MB2.RDY
214	XS00 MB2.HIF REQ
215	MB2 XS00 BANK DONE<1>
216	MB2 XS00 BANK DONE<1>
217	MB2 XS00 BANK DONE<1>
218	MB2 XS00 BANK DONE<1>
219	MB2 XS00 BANK DONE<1>
220	MB2 XS00 BANK DONE<10>
221	MB2 XS00 BANK DONE<9>
222	MB2 XS00 BANK DONE<8>
223	MB2 XS00 BANK DONE<7>
224	MB2 XS00 BANK DONE<6>
225	MB2 XS00 BANK DONE<5>
226	MB2 XS00 BANK DONE<4>
227	MB2 XS00 BANK DONE<3>
228	MB2 XS00 BANK DONE<2>
229	MB2 XS00 BANK DONE<1>
230	MB0 XS00 BANK DONE<2>
231	MB0 XS00 SEND PAR EHH
232	IAB XS00.SPARET
233	SP3 XS00.SPARET
234	SP4 XS00.SPARET
235	SP2 XS00.SPARET
236	SP2 XS00.SPARET
237	SP1 XS00.SPARET
238	SP1 XS00.SPARET
239	SP0 XS00.SPARET
240	SP0 XS00.SPARET

301	MB5 XS00 BANK DONE<1>
302	MB5 XS00 BANK DONE<2>
303	MB5 XS00 BANK DONE<2>
304	MB5 XS00 BANK DONE<1>
305	MB5 XS00 BANK DONE<2>
306	XS00 IAB.A REQ NEXT
307	XS00 SP4A REQ NEXT
308	XS00 SP4A REQ PEND
309	XS00 SP4A ST PEND
310	XS00 SP0A REQ NEXT
311	XS00 SP0A REQ PEND
312	XS00 SP0A ST PEND
313	XS00 MB1.RDY
314	XS00 MB1.HIF REQ
315	MB1 XS00 BANK DONE<1>
316	MB1 XS00 BANK DONE<1>
317	MB1 XS00 BANK DONE<1>
318	MB1 XS00 BANK DONE<1>
319	MB1 XS00 BANK DONE<1>
320	MB1 XS00 BANK DONE<10>
321	MB1 XS00 BANK DONE<9>
322	MB1 XS00 BANK DONE<8>
323	MB1 XS00 BANK DONE<7>
324	MB1 XS00 BANK DONE<6>
325	MB1 XS00 BANK DONE<5>
326	MB1 XS00 BANK DONE<4>
327	MB1 XS00 BANK DONE<3>
328	MB1 XS00 BANK DONE<2>
329	MB1 XS00 BANK DONE<1>
330	MB0 XS00 BANK DONE<2>
331	MB0 XS00 SEND PAR EHH
332	XS00 CU.SPARET
333	SP4 XS00.SPARET
334	SP4 XS00.SPARET
335	SP5 XS00.SPARET
336	SP5 XS00.SPARET
337	SP6 XS00.SPARET
338	SP6 XS00.SPARET
339	SP7 XS00.SPARET
340	SP7 XS00.SPARET

401	MB4 XS00 BANK DONE<1>
402	MB4 XS00 BANK DONE<2>
403	MB4 XS00 BANK DONE<2>
404	MB4 XS00 BANK DONE<1>
405	MB4 XS00 BANK DONE<2>
406	XS00 CU.RDY
407	XS00 SP5A REQ NEXT
408	XS00 SP5A REQ PEND
409	XS00 SP5A ST PEND
410	XS00 SP7A REQ NEXT
411	XS00 SP7A REQ PEND
412	XS00 SP7A ST PEND
413	XS00 MB0.RDY
414	XS00 MB0.HIF REQ
415	MB0 XS00 BANK DONE<1>
416	MB0 XS00 BANK DONE<1>
417	MB0 XS00 BANK DONE<1>
418	MB0 XS00 BANK DONE<1>
419	MB0 XS00 BANK DONE<1>
420	MB0 XS00 BANK DONE<10>
421	MB0 XS00 BANK DONE<9>
422	MB0 XS00 BANK DONE<8>
423	MB0 XS00 BANK DONE<7>
424	MB0 XS00 BANK DONE<6>
425	MB0 XS00 BANK DONE<5>
426	MB0 XS00 BANK DONE<4>
427	MB0 XS00 BANK DONE<3>
428	MB0 XS00 BANK DONE<2>
429	MB0 XS00 BANK DONE<1>
430	MB0 XS00 BANK DONE<2>
431	MB0 XS00 SEND PAR EHH
432	XS00 CU.SPARET
433	XS00 MB4.SPARET
434	XS00 MB4.SPARET
435	XS00 MB5.SPARET
436	XS00 MB5.SPARET
437	XS00 MB6.SPARET
438	XS00 MB6.SPARET
439	XS00 MB7.SPARET
440	XS00 MB7.SPARET

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TITLE: XBP XBAR SEND BOARD 0	ABBR: XBP
DRAWING: 411-000252-300A Rev 0.0	ENGR: GOLENBESKI
REVISED: Wed Mar 28 17:38:24 1990	PAGE: 19

AUGAT-NGC-960
BACKPLANE VERSION
 960 SIGNALS + 240 GROUNDS IN 6 SECTIONS
 XS00 1P
 BOARD=XS0

TOP
 J6
 J5
 J4
 J3
 J2
 J1
 BOTTOM

NOTE: CHANGE THE NUMBER BELOW TO CORRESPOND TO DESIRED CONNECTOR SECTION (1=J1, 2=J2, ETC.). THE GED 'SECTION' COMMAND WILL NOT WORK.
 SEC=3

GROUND ALL PINS ON THIS ROW!

101	IAB XS00 ADDR<7>
102	XS00 MB3 ADDR<7>
103	XS00 MB3 CYCLE<0>
104	XS00 MB2 ADDR<7>
105	XS00 MB2 CYCLE<0>
106	XS00 MB1 ADDR<7>
107	XS00 MB1 CYCLE<0>
108	XS00 MB0 ADDR<7>
109	XS00 MB0 CYCLE<0>
110	XS00 IAB B REQ NEXT
111	XS00 IAB B REQ PEND
112	XS00 SP2 B REQ NEXT
113	XS00 SP2 B REQ PEND
114	XS00 SP4 B ST PEND
115	SP2 XS00 HDY
116	SP2 XS00 BD SEL<3>
117	SP2 XS00 BD SEL<2>
118	SP2 XS00 BD SEL<1>
119	SP2 XS00 BD SEL<0>
120	XS00 SP0 B REQ NEXT
121	XS00 SP0 B REQ PEND
122	XS00 SP0 B ST PEND
123	SP0 XS00 HDY
124	SP0 XS00 BD SEL<3>
125	SP0 XS00 BD SEL<2>
126	SP0 XS00 BD SEL<1>
127	SP0 XS00 BD SEL<0>
128	XS00 MB7 HDY
129	XS00 MB7 REF REQ
130	MB7 XS00 BANK DONE<15>
131	MB7 XS00 BANK DONE<14>
132	MB7 XS00 BANK DONE<13>
133	MB7 XS00 BANK DONE<12>
134	MB7 XS00 BANK DONE<11>
135	MB7 XS00 BANK DONE<10>
136	MB7 XS00 BANK DONE<9>
137	MB7 XS00 BANK DONE<8>
138	MB7 XS00 BANK DONE<7>
139	MB7 XS00 BANK DONE<6>
140	MB7 XS00 BANK DONE<5>

201	IAB XS00 CYCLE<0>
202	SP3 XS00 ADDR<7>
203	SP3 XS00 CYCLE<0>
204	SP2 XS00 ADDR<7>
205	SP2 XS00 CYCLE<0>
206	SP1 XS00 ADDR<7>
207	SP1 XS00 CYCLE<0>
208	SP0 XS00 ADDR<7>
209	SP0 XS00 CYCLE<0>
210	XS00 IAB B ST PEND
211	IAB XS00 HDY
212	XS00 SP4 B REQ NEXT
213	XS00 SP4 B REQ PEND
214	XS00 SP4 B ST PEND
215	SP3 XS00 HDY
216	SP3 XS00 BD SEL<3>
217	SP3 XS00 BD SEL<2>
218	SP3 XS00 BD SEL<1>
219	SP3 XS00 BD SEL<0>
220	XS00 SP1 B REQ NEXT
221	XS00 SP1 B REQ PEND
222	XS00 SP1 B ST PEND
223	SP1 XS00 HDY
224	SP1 XS00 BD SEL<3>
225	SP1 XS00 BD SEL<2>
226	SP1 XS00 BD SEL<1>
227	SP1 XS00 BD SEL<0>
228	XS00 MB6 HDY
229	XS00 MB6 REF REQ
230	MB6 XS00 BANK DONE<15>
231	MB6 XS00 BANK DONE<14>
232	MB6 XS00 BANK DONE<13>
233	MB6 XS00 BANK DONE<12>
234	MB6 XS00 BANK DONE<11>
235	MB6 XS00 BANK DONE<10>
236	MB6 XS00 BANK DONE<9>
237	MB6 XS00 BANK DONE<8>
238	MB6 XS00 BANK DONE<7>
239	MB6 XS00 BANK DONE<6>
240	MB6 XS00 BANK DONE<5>

301	XS00 CU CYCLE<0>
302	SP4 XS00 ADDR<7>
303	SP4 XS00 CYCLE<0>
304	SP5 XS00 ADDR<7>
305	SP5 XS00 CYCLE<0>
306	SP6 XS00 ADDR<7>
307	SP6 XS00 CYCLE<0>
308	SP7 XS00 ADDR<7>
309	SP7 XS00 CYCLE<0>
310	IAB XS00 BD SEL<3>
311	IAB XS00 BD SEL<2>
312	XS00 SP4 B REQ NEXT
313	XS00 SP4 B REQ PEND
314	XS00 SP4 B ST PEND
315	SP4 XS00 HDY
316	SP4 XS00 BD SEL<3>
317	SP4 XS00 BD SEL<2>
318	SP4 XS00 BD SEL<1>
319	SP4 XS00 BD SEL<0>
320	XS00 SP1 B REQ NEXT
321	XS00 SP1 B REQ PEND
322	XS00 SP1 B ST PEND
323	SP6 XS00 HDY
324	SP6 XS00 BD SEL<3>
325	SP6 XS00 BD SEL<2>
326	SP6 XS00 BD SEL<1>
327	SP6 XS00 BD SEL<0>
328	XS00 MB5 HDY
329	XS00 MB5 REF REQ
330	MB5 XS00 BANK DONE<15>
331	MB5 XS00 BANK DONE<14>
332	MB5 XS00 BANK DONE<13>
333	MB5 XS00 BANK DONE<12>
334	MB5 XS00 BANK DONE<11>
335	MB5 XS00 BANK DONE<10>
336	MB5 XS00 BANK DONE<9>
337	MB5 XS00 BANK DONE<8>
338	MB5 XS00 BANK DONE<7>
339	MB5 XS00 BANK DONE<6>
340	MB5 XS00 BANK DONE<5>

401	XS00 CU ADDR<7>
402	XS00 MB4 ADDR<7>
403	XS00 MB4 CYCLE<0>
404	XS00 MB3 ADDR<7>
405	XS00 MB3 CYCLE<0>
406	XS00 MB2 ADDR<7>
407	XS00 MB2 CYCLE<0>
408	XS00 MB1 ADDR<7>
409	XS00 MB1 CYCLE<0>
410	IAB XS00 BD SEL<1>
411	IAB XS00 BD SEL<0>
412	XS00 SP5 B REQ NEXT
413	XS00 SP5 B REQ PEND
414	XS00 SP5 B ST PEND
415	SP5 XS00 HDY
416	SP5 XS00 BD SEL<3>
417	SP5 XS00 BD SEL<2>
418	SP5 XS00 BD SEL<1>
419	SP5 XS00 BD SEL<0>
420	XS00 SP7 B REQ NEXT
421	XS00 SP7 B REQ PEND
422	XS00 SP7 B ST PEND
423	SP7 XS00 HDY
424	SP7 XS00 BD SEL<3>
425	SP7 XS00 BD SEL<2>
426	SP7 XS00 BD SEL<1>
427	SP7 XS00 BD SEL<0>
428	XS00 MB4 HDY
429	XS00 MB4 REF REQ
430	MB4 XS00 BANK DONE<15>
431	MB4 XS00 BANK DONE<14>
432	MB4 XS00 BANK DONE<13>
433	MB4 XS00 BANK DONE<12>
434	MB4 XS00 BANK DONE<11>
435	MB4 XS00 BANK DONE<10>
436	MB4 XS00 BANK DONE<9>
437	MB4 XS00 BANK DONE<8>
438	MB4 XS00 BANK DONE<7>
439	MB4 XS00 BANK DONE<6>
440	MB4 XS00 BANK DONE<5>

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101 - 409 ARE SIGNALS FOR SXBR0
 110 - 427 ARE SIGNALS FOR XARB B AND XARBA (EXCEPT XPEND)
 128 - ARE NON CRITICAL SIGNALS FOR XARB B

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TITLE: XBP XBAR SEND BOARD 0	ABBR: XBP
DRAWING: 411-000252-300A Rev 0.0	ENGR: GOLENBIESKI
REVISED: Wed Mar 28 17:18:48 1990	PAGE: 20

8 7 6 5 4 3 2 1

AUGAT-NGC-960
BACKPLANE VERSION
 960 SIGNALS + 240 GROUNDS IN 6 SECTIONS
 XS00 1P
 BOARD=XS0

TOP
 J6
 J5
 J4
 J3
 J2
 J1
 BOTTOM

NOTE: CHANGE THE NUMBER BELOW TO CORRESPOND TO DESIRED CONNECTOR SECTION (1=J1, 2=J2, ETC.). THE GED 'SECTION' COMMAND WILL NOT WORK.
 SEC=4

GROUND ALL PINS ON THIS ROW!

101	XS00 MB2 ADDR<10>
102	XS00 MB2 ADDR<9>
103	XS00 MB2 ADDR<8>
104	XS00 MB1 ADDR<14>
105	XS00 MB1 ADDR<13>
106	XS00 MB1 ADDR<12>
107	XS00 MB1 ADDR<11>
108	XS00 MB1 ADDR<10>
109	XS00 MB1 ADDR<9>
110	XS00 MB1 ADDR<8>
111	XS00 MB0 ADDR<14>
112	XS00 MB0 ADDR<13>
113	XS00 MB0 ADDR<12>
114	XS00 MB0 ADDR<11>
115	XS00 MB0 ADDR<10>
116	XS00 MB0 ADDR<9>
117	XS00 MB0 ADDR<8>
118	XS00 CU ADDR<8>
119	XS00 MB3 ADDR<8>
120	XS00 MB3 ADDR<7>
121	XS00 MB3 CYCLE<1>
122	XS00 MB2 ADDR<8>
123	XS00 MB2 ADDR<7>
124	XS00 MB1 ADDR<8>
125	XS00 MB1 ADDR<7>
126	XS00 MB0 CYCLE<1>
127	XS00 MB0 ADDR<8>
128	XS00 MB0 ADDR<7>
129	IAB XS00 CYCLE<1>
130	IAB XS00 ADDR<8>
131	SP3 XS00 ADDR<8>
132	SP3 XS00 ADDR<7>
133	SP3 XS00 CYCLE<1>
134	SP2 XS00 ADDR<8>
135	SP2 XS00 ADDR<7>
136	SP1 XS00 ADDR<8>
137	SP1 XS00 ADDR<7>
138	SP0 XS00 CYCLE<1>
139	SP0 XS00 ADDR<8>
140	SP0 XS00 ADDR<7>

201	SP2 XS00 ADDR<10>
202	SP2 XS00 ADDR<9>
203	SP2 XS00 ADDR<8>
204	SP1 XS00 ADDR<14>
205	SP1 XS00 ADDR<13>
206	SP1 XS00 ADDR<12>
207	SP1 XS00 ADDR<11>
208	SP1 XS00 ADDR<10>
209	SP1 XS00 ADDR<9>
210	SP1 XS00 ADDR<8>
211	SP0 XS00 ADDR<14>
212	SP0 XS00 ADDR<13>
213	SP0 XS00 ADDR<12>
214	SP0 XS00 ADDR<11>
215	SP0 XS00 ADDR<10>
216	SP0 XS00 ADDR<9>
217	SP0 XS00 ADDR<8>
218	XS00 CU CYCLE<1>
219	XS00 CU ADDR<8>
220	XS00 MB3 ADDR<8>
221	XS00 MB3 ADDR<7>
222	XS00 MB2 CYCLE<1>
223	XS00 MB2 ADDR<8>
224	XS00 MB2 ADDR<7>
225	XS00 MB1 ADDR<8>
226	XS00 MB1 ADDR<7>
227	XS00 MB0 CYCLE<1>
228	XS00 MB0 ADDR<8>
229	XS00 MB0 ADDR<7>
230	IAB XS00 ADDR<8>
231	SP3 XS00 ADDR<8>
232	SP3 XS00 ADDR<7>
233	SP3 XS00 CYCLE<1>
234	SP2 XS00 ADDR<8>
235	SP2 XS00 ADDR<7>
236	SP1 XS00 ADDR<8>
237	SP1 XS00 ADDR<7>
238	SP1 XS00 CYCLE<1>
239	SP0 XS00 ADDR<8>
240	SP0 XS00 ADDR<7>

301	SP5 XS00 ADDR<11>
302	SP5 XS00 ADDR<10>
303	SP5 XS00 ADDR<9>
304	SP5 XS00 ADDR<8>
305	SP6 XS00 ADDR<14>
306	SP6 XS00 ADDR<13>
307	SP6 XS00 ADDR<12>
308	SP6 XS00 ADDR<11>
309	SP6 XS00 ADDR<10>
310	SP6 XS00 ADDR<9>
311	SP6 XS00 ADDR<8>
312	SP7 XS00 ADDR<14>
313	SP7 XS00 ADDR<13>
314	SP7 XS00 ADDR<12>
315	SP7 XS00 ADDR<11>
316	SP7 XS00 ADDR<10>
317	SP7 XS00 ADDR<9>
318	SP7 XS00 ADDR<8>
319	XS00 CU ADDR<8>
320	XS00 MB3 ADDR<8>
321	XS00 MB3 ADDR<7>
322	XS00 MB2 CYCLE<1>
323	XS00 MB2 ADDR<8>
324	XS00 MB2 ADDR<7>
325	XS00 MB1 ADDR<8>
326	XS00 MB1 ADDR<7>
327	XS00 MB0 CYCLE<1>
328	XS00 MB0 ADDR<8>
329	XS00 MB0 ADDR<7>
330	IAB XS00 ADDR<8>
331	SP4 XS00 ADDR<8>
332	SP4 XS00 ADDR<7>
333	SP4 XS00 CYCLE<1>
334	SP2 XS00 ADDR<8>
335	SP2 XS00 ADDR<7>
336	SP6 XS00 ADDR<8>
337	SP6 XS00 ADDR<7>
338	SP6 XS00 CYCLE<1>
339	SP7 XS00 ADDR<8>
340	SP7 XS00 ADDR<7>

401	XS00 MB5 ADDR<11>
402	XS00 MB5 ADDR<10>
403	XS00 MB5 ADDR<9>
404	XS00 MB5 ADDR<8>
405	XS00 MB6 ADDR<14>
406	XS00 MB6 ADDR<13>
407	XS00 MB6 ADDR<12>
408	XS00 MB6 ADDR<11>
409	XS00 MB6 ADDR<10>
410	XS00 MB6 ADDR<9>
411	XS00 MB6 ADDR<8>
412	XS00 MB7 ADDR<14>
413	XS00 MB7 ADDR<13>
414	XS00 MB7 ADDR<12>
415	XS00 MB7 ADDR<11>
416	XS00 MB7 ADDR<10>
417	XS00 MB7 ADDR<9>
418	XS00 MB7 ADDR<8>
419	XS00 CU ADDR<8>
420	XS00 MB3 ADDR<8>
421	XS00 MB3 ADDR<7>
422	XS00 MB2 CYCLE<1>
423	XS00 MB2 ADDR<8>
424	XS00 MB2 ADDR<7>
425	XS00 MB1 ADDR<8>
426	XS00 MB1 ADDR<7>
427	XS00 MB0 CYCLE<1>
428	XS00 MB0 ADDR<8>
429	XS00 MB0 ADDR<7>
430	IAB XS00 ADDR<8>
431	SP4 XS00 ADDR<8>
432	SP4 XS00 ADDR<7>
433	SP4 XS00 CYCLE<1>
434	SP2 XS00 ADDR<8>
435	SP2 XS00 ADDR<7>
436	SP6 XS00 ADDR<8>
437	SP6 XS00 ADDR<7>
438	SP6 XS00 CYCLE<1>
439	SP7 XS00 ADDR<8>
440	SP7 XS00 ADDR<7>

501	GNDIG
502	GNDIG
503	GNDIG
504	GNDIG
505	GNDIG
506	GNDIG
507	GNDIG
508	GNDIG
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510	GNDIG
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519	GNDIG
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521	GNDIG
522	GNDIG
523	GNDIG
524	GNDIG
525	GNDIG
526	GNDIG
527	GNDIG
528	GNDIG
529	GNDIG
530	GNDIG
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532	GNDIG
533	GNDIG
534	GNDIG
535	GNDIG
536	GNDIG
537	GNDIG
538	GNDIG
539	GNDIG
540	GNDIG

X30 - X40 ARE CRITICAL SIGNALS THAT GO TO SXBR0, XARBB AND XARBA
 X_XS0.ADDR<3..0> AND CYCLE<1>

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TITLE: XBP XBAR SEND BOARD 0

DRAWING: 411-000252-300A Rev 0.0

REVISED: Wed Mar 28 17:19:30 1990

ABBR: XBP

ENGR: GOLEMBESKI

PAGE: 21

8 7 6 3 2 1

AUGAT-NGC-960
BACKPLANE VERSION
960 SIGNALS + 240 GROUNDS IN 6 SECTIONS
XS00 1P

BOARD=XS0

TOP
J6
J5
J4
J3
J2
J1
BOTTOM

NOTE: CHANGE THE NUMBER BELOW TO CORRESPOND TO DESIRED CONNECTOR SECTION (1=J1, 2=J2, ETC.). THE GED 'SECTION' COMMAND WILL NOT WORK.

SEC=5

GROUND ALL PINS ON THIS ROW

101	XS00 MB3 ADDR<19>
102	XS00 MB3 ADDR<18>
103	XS00 MB3 ADDR<17>
104	XS00 MB3 ADDR<16>
105	XS00 MB3 ADDR<15>
106	XS00 MB2 ADDR<21>
107	XS00 MB2 ADDR<20>
108	XS00 MB2 ADDR<19>
109	XS00 MB2 ADDR<18>
110	XS00 MB2 ADDR<17>
111	XS00 MB2 ADDR<16>
112	XS00 MB2 ADDR<15>
113	XS00 MB1 ADDR<21>
114	XS00 MB1 ADDR<20>
115	XS00 MB1 ADDR<19>
116	XS00 MB1 ADDR<18>
117	XS00 MB1 ADDR<17>
118	XS00 MB1 ADDR<16>
119	XS00 MB1 ADDR<15>
120	XS00 MB0 ADDR<21>
121	XS00 MB0 ADDR<20>
122	XS00 MB0 ADDR<19>
123	XS00 MB0 ADDR<18>
124	XS00 MB0 ADDR<17>
125	XS00 MB0 ADDR<16>
126	XS00 MB0 ADDR<15>
127	IAB XS00 ADDR<14>
128	IAB XS00 ADDR<13>
129	IAB XS00 ADDR<12>
130	XS00 MB3 ADDR<14>
131	XS00 MB3 ADDR<13>
132	XS00 MB3 ADDR<12>
133	XS00 MB3 ADDR<11>
134	XS00 MB3 ADDR<10>
135	XS00 MB3 ADDR<9>
136	XS00 MB3 ADDR<8>
137	XS00 MB2 ADDR<14>
138	XS00 MB2 ADDR<13>
139	XS00 MB2 ADDR<12>
140	XS00 MB2 ADDR<11>

201	SP3 XS00 ADDR<19>
202	SP3 XS00 ADDR<18>
203	SP3 XS00 ADDR<17>
204	SP3 XS00 ADDR<16>
205	SP3 XS00 ADDR<15>
206	SP2 XS00 ADDR<21>
207	SP2 XS00 ADDR<20>
208	SP2 XS00 ADDR<19>
209	SP2 XS00 ADDR<18>
210	SP2 XS00 ADDR<17>
211	SP2 XS00 ADDR<16>
212	SP2 XS00 ADDR<15>
213	SP1 XS00 ADDR<21>
214	SP1 XS00 ADDR<20>
215	SP1 XS00 ADDR<19>
216	SP1 XS00 ADDR<18>
217	SP1 XS00 ADDR<17>
218	SP1 XS00 ADDR<16>
219	SP1 XS00 ADDR<15>
220	SP0 XS00 ADDR<21>
221	SP0 XS00 ADDR<20>
222	SP0 XS00 ADDR<19>
223	SP0 XS00 ADDR<18>
224	SP0 XS00 ADDR<17>
225	SP0 XS00 ADDR<16>
226	SP0 XS00 ADDR<15>
227	IAB XS00 ADDR<11>
228	IAB XS00 ADDR<10>
229	IAB XS00 ADDR<9>
230	SP3 XS00 ADDR<14>
231	SP3 XS00 ADDR<13>
232	SP3 XS00 ADDR<12>
233	SP3 XS00 ADDR<11>
234	SP3 XS00 ADDR<10>
235	SP3 XS00 ADDR<9>
236	SP3 XS00 ADDR<8>
237	SP2 XS00 ADDR<14>
238	SP2 XS00 ADDR<13>
239	SP2 XS00 ADDR<12>
240	SP2 XS00 ADDR<11>

301	SP4 XS00 ADDR<19>
302	SP4 XS00 ADDR<18>
303	SP4 XS00 ADDR<17>
304	SP4 XS00 ADDR<16>
305	SP4 XS00 ADDR<15>
306	SP5 XS00 ADDR<21>
307	SP5 XS00 ADDR<20>
308	SP5 XS00 ADDR<19>
309	SP5 XS00 ADDR<18>
310	SP5 XS00 ADDR<17>
311	SP5 XS00 ADDR<16>
312	SP5 XS00 ADDR<15>
313	SP6 XS00 ADDR<21>
314	SP6 XS00 ADDR<20>
315	SP6 XS00 ADDR<19>
316	SP6 XS00 ADDR<18>
317	SP6 XS00 ADDR<17>
318	SP6 XS00 ADDR<16>
319	SP6 XS00 ADDR<15>
320	SP7 XS00 ADDR<21>
321	SP7 XS00 ADDR<20>
322	SP7 XS00 ADDR<19>
323	SP7 XS00 ADDR<18>
324	SP7 XS00 ADDR<17>
325	SP7 XS00 ADDR<16>
326	SP7 XS00 ADDR<15>
327	IAB XS00 ADDR<8>
328	XS00 CU ADDR<14>
329	XS00 CU ADDR<13>
330	XS00 CU ADDR<12>
331	SP4 XS00 ADDR<14>
332	SP4 XS00 ADDR<13>
333	SP4 XS00 ADDR<12>
334	SP4 XS00 ADDR<11>
335	SP4 XS00 ADDR<10>
336	SP4 XS00 ADDR<9>
337	SP5 XS00 ADDR<8>
338	SP5 XS00 ADDR<14>
339	SP5 XS00 ADDR<13>
340	SP5 XS00 ADDR<12>

401	XS00 MB4 ADDR<19>
402	XS00 MB4 ADDR<18>
403	XS00 MB4 ADDR<17>
404	XS00 MB4 ADDR<16>
405	XS00 MB4 ADDR<15>
406	XS00 MB5 ADDR<21>
407	XS00 MB5 ADDR<20>
408	XS00 MB5 ADDR<19>
409	XS00 MB5 ADDR<18>
410	XS00 MB5 ADDR<17>
411	XS00 MB5 ADDR<16>
412	XS00 MB5 ADDR<15>
413	XS00 MB6 ADDR<21>
414	XS00 MB6 ADDR<20>
415	XS00 MB6 ADDR<19>
416	XS00 MB6 ADDR<18>
417	XS00 MB6 ADDR<17>
418	XS00 MB6 ADDR<16>
419	XS00 MB6 ADDR<15>
420	XS00 MB7 ADDR<21>
421	XS00 MB7 ADDR<20>
422	XS00 MB7 ADDR<19>
423	XS00 MB7 ADDR<18>
424	XS00 MB7 ADDR<17>
425	XS00 MB7 ADDR<16>
426	XS00 MB7 ADDR<15>
427	XS00 CU ADDR<11>
428	XS00 CU ADDR<10>
429	XS00 CU ADDR<9>
430	XS00 CU ADDR<8>
431	XS00 MB4 ADDR<14>
432	XS00 MB4 ADDR<13>
433	XS00 MB4 ADDR<12>
434	XS00 MB4 ADDR<11>
435	XS00 MB4 ADDR<10>
436	XS00 MB4 ADDR<9>
437	XS00 MB4 ADDR<8>
438	XS00 MB5 ADDR<14>
439	XS00 MB5 ADDR<13>
440	XS00 MB5 ADDR<12>

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TITLE: XBP XBAR SEND BOARD 0

DRAWING: 411-000252-300A Rev 0.0

REVISED: Wed Mar 28 17:20:34 1990

ABBR: XBP

ENGR: GOLEMBESKI

PAGE: 22

8 7 6 5 4 3 2 1

AUGAT-NGC-960
 BACKPLANE VERSION
 960 SIGNALS + 240 GROUNDS IN 6 SECTIONS
 XS00 1P
 BOARD=XS0

TOP
 J6
 J5
 J4
 J3
 J2
 J1
 BOTTOM

NOTE: CHANGE THE NUMBER BELOW TO CORRESPOND TO DESIRED CONNECTOR SECTION (1=J1, 2=J2, ETC.). THE GED 'SECTION' COMMAND WILL NOT WORK.

SEC=6

GROUND ALL PINS ON THIS ROW

101	XC XS00 SCAN CTI<2>
102	XC XS00 SCAN IN
103	MB3 XS00 SEND PAR ERR
104	IAB XS00 ADDR<289>
105	IAB XS00 ADDR<272>
106	IAB XS00 ADDR<265>
107	IAB XS00 ADDR<257>
108	XS00 MB3 ADDR<245>
109	XS00 MB3 ADDR<237>
110	XS00 MB3 ADDR<229>
111	XS00 MB3 ADDR<221>
112	XS00 MB3 ADDR<213>
113	XS00 MB3 ADDR<205>
114	XS00 MB2 ADDR<197>
115	XS00 MB2 ADDR<189>
116	XS00 MB2 ADDR<181>
117	XS00 MB2 ADDR<173>
118	XS00 MB2 ADDR<165>
119	XS00 MB2 ADDR<157>
120	XS00 MB2 ADDR<149>
121	XS00 MB2 ADDR<141>
122	XS00 MB1 ADDR<133>
123	XS00 MB1 ADDR<125>
124	XS00 MB1 ADDR<117>
125	XS00 MB1 ADDR<109>
126	XS00 MB1 ADDR<101>
127	XS00 MB1 ADDR<93>
128	XS00 MB0 ADDR<85>
129	XS00 MB0 ADDR<77>
130	XS00 MB0 ADDR<69>
131	XS00 MB0 ADDR<61>
132	XS00 MB0 ADDR<53>
133	XS00 MB0 ADDR<45>
134	XS00 MB0 ADDR<37>
135	XS00 MB0 ADDR<29>
136	IAB XS00 ADDR<215>
137	IAB XS00 ADDR<198>
138	IAB XS00 ADDR<181>
139	XS00 MB3 ADDR<164>
140	XS00 MB3 ADDR<147>

201	XC XS00 SCAN CTI<1>
202	XS00 XC SCAN OUT
203	MB2 XS00 SEND PAR ERR
204	IAB XS00 ADDR<242>
205	IAB XS00 ADDR<225>
206	IAB XS00 ADDR<217>
207	SP3 XS00 ADDR<209>
208	SP3 XS00 ADDR<201>
209	SP3 XS00 ADDR<193>
210	SP3 XS00 ADDR<185>
211	SP3 XS00 ADDR<177>
212	SP3 XS00 ADDR<169>
213	SP3 XS00 ADDR<161>
214	SP2 XS00 ADDR<153>
215	SP2 XS00 ADDR<145>
216	SP2 XS00 ADDR<137>
217	SP2 XS00 ADDR<129>
218	SP2 XS00 ADDR<121>
219	SP2 XS00 ADDR<113>
220	SP2 XS00 ADDR<105>
221	SP1 XS00 ADDR<97>
222	SP1 XS00 ADDR<89>
223	SP1 XS00 ADDR<81>
224	SP1 XS00 ADDR<73>
225	SP1 XS00 ADDR<65>
226	SP1 XS00 ADDR<57>
227	SP1 XS00 ADDR<49>
228	SP0 XS00 ADDR<41>
229	SP0 XS00 ADDR<33>
230	SP0 XS00 ADDR<25>
231	SP0 XS00 ADDR<17>
232	SP0 XS00 ADDR<9>
233	SP0 XS00 ADDR<1>
234	SP0 XS00 ADDR<1>
235	IAB XS00 ADDR<18>
236	IAB XS00 ADDR<17>
237	IAB XS00 ADDR<16>
238	IAB XS00 ADDR<15>
239	SP3 XS00 ADDR<14>
240	SP3 XS00 ADDR<13>

301	XC XS00 SCAN CTI<0>
302	XC XS00 CONFIG LOAD
303	MB1 XS00 SEND PAR ERR
304	XS00 CU ADDR<289>
305	XS00 CU ADDR<272>
306	XS00 CU ADDR<265>
307	SP4 XS00 ADDR<257>
308	SP4 XS00 ADDR<249>
309	SP4 XS00 ADDR<241>
310	SP4 XS00 ADDR<233>
311	SP4 XS00 ADDR<225>
312	SP4 XS00 ADDR<217>
313	SP4 XS00 ADDR<209>
314	SP5 XS00 ADDR<201>
315	SP5 XS00 ADDR<193>
316	SP5 XS00 ADDR<185>
317	SP5 XS00 ADDR<177>
318	SP5 XS00 ADDR<169>
319	SP5 XS00 ADDR<161>
320	SP5 XS00 ADDR<153>
321	SP6 XS00 ADDR<145>
322	SP6 XS00 ADDR<137>
323	SP6 XS00 ADDR<129>
324	SP6 XS00 ADDR<121>
325	SP6 XS00 ADDR<113>
326	SP6 XS00 ADDR<105>
327	SP7 XS00 ADDR<97>
328	SP7 XS00 ADDR<89>
329	SP7 XS00 ADDR<81>
330	SP7 XS00 ADDR<73>
331	SP7 XS00 ADDR<65>
332	SP7 XS00 ADDR<57>
333	SP7 XS00 ADDR<49>
334	SP7 XS00 ADDR<41>
335	XS00 CU ADDR<215>
336	IAB XS00 ADDR<205>
337	XS00 CU ADDR<192>
338	XS00 CU ADDR<182>
339	XS00 CU ADDR<172>
340	SP4 XS00 ADDR<162>

401	XS00 XC HARD ERROR
402	CU XS00 SEND PAR ERR
403	MB5 XS00 SEND PAR ERR
404	XS00 CU ADDR<252>
405	XS00 CU ADDR<242>
406	XS00 CU ADDR<232>
407	XS00 CU ADDR<222>
408	XS00 MB4 ADDR<212>
409	XS00 MB4 ADDR<202>
410	XS00 MB4 ADDR<192>
411	XS00 MB4 ADDR<182>
412	XS00 MB4 ADDR<172>
413	XS00 MB4 ADDR<162>
414	XS00 MB4 ADDR<152>
415	XS00 MB5 ADDR<142>
416	XS00 MB5 ADDR<132>
417	XS00 MB5 ADDR<122>
418	XS00 MB5 ADDR<112>
419	XS00 MB5 ADDR<102>
420	XS00 MB5 ADDR<92>
421	XS00 MB5 ADDR<82>
422	XS00 MB6 ADDR<72>
423	XS00 MB6 ADDR<62>
424	XS00 MB6 ADDR<52>
425	XS00 MB6 ADDR<42>
426	XS00 MB6 ADDR<32>
427	XS00 MB6 ADDR<22>
428	XS00 MB6 ADDR<12>
429	XS00 MB7 ADDR<285>
430	XS00 MB7 ADDR<275>
431	XS00 MB7 ADDR<265>
432	XS00 MB7 ADDR<255>
433	XS00 MB7 ADDR<245>
434	XS00 MB7 ADDR<235>
435	XS00 MB7 ADDR<225>
436	XS00 CU ADDR<175>
437	XS00 CU ADDR<162>
438	XS00 CU ADDR<152>
439	XS00 CU ADDR<142>
440	XS00 MB4 ADDR<215>

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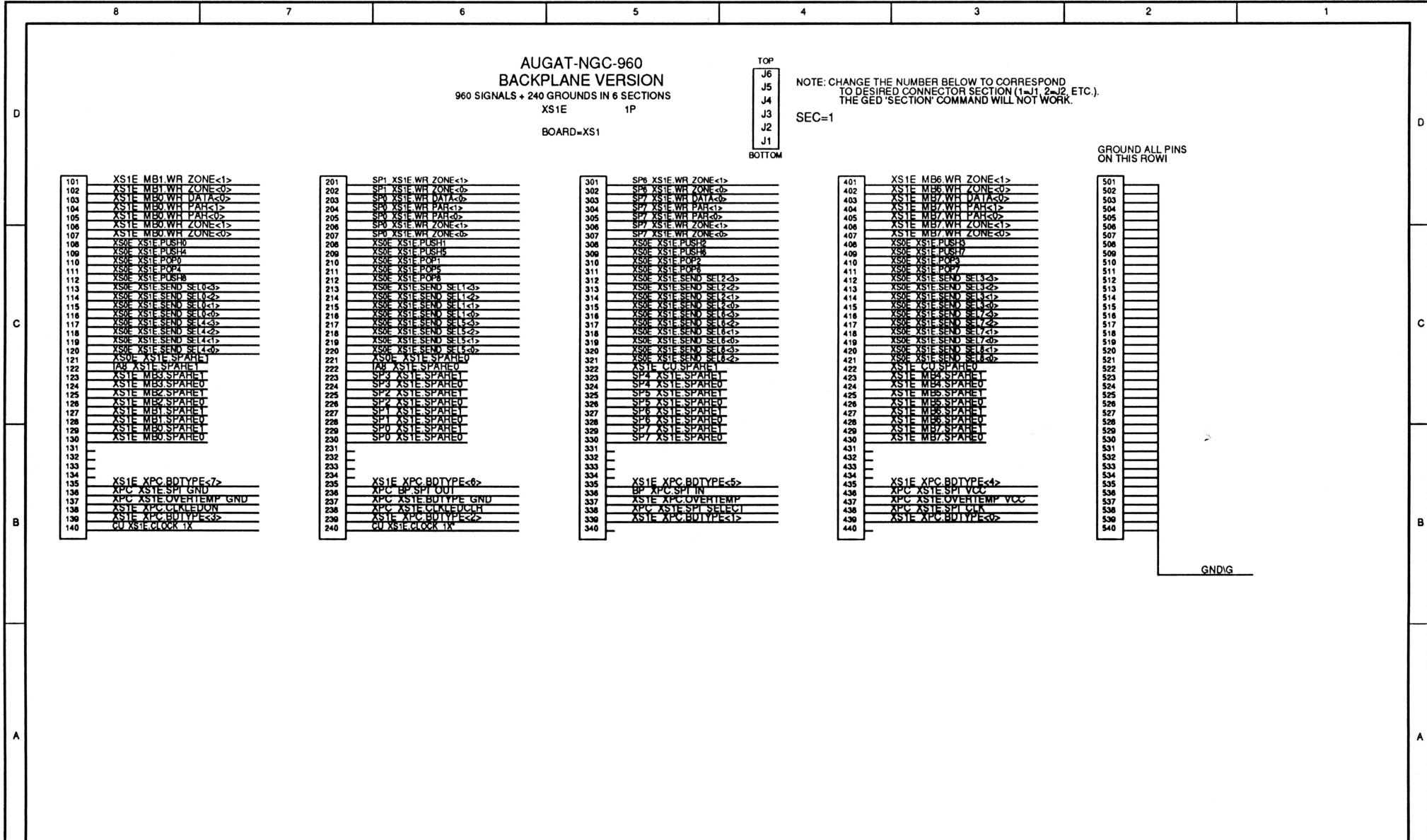
GNDIG

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TITLE: XBP XBAR SEND BOARD 0	ABBR: XBP
DRAWING: 411-000252-300A Rev 0.0	ENGR: GOLEMBESKI
REVISED: Wed Mar 28 17:21:58 1990	PAGE: 23

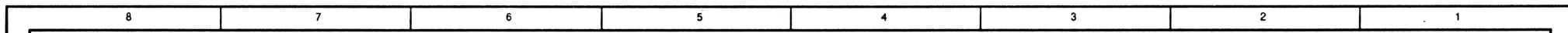
8 7 6 3 2 1



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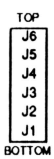
TITLE: XBP XBAR SEND BOARD 1	ABBR: XBP
DRAWING: 411-000252-300A Rev 0.0	ENGR: GOLEMBESKI
REVISED: Wed Mar 28 17:24:35 1990	PAGE: 24



AUGAT-NGC-960
BACKPLANE VERSION

960 SIGNALS + 240 GROUNDS IN 6 SECTIONS
XS1E 1P

BOARD=XS1



NOTE: CHANGE THE NUMBER BELOW TO CORRESPOND TO DESIRED CONNECTOR SECTION (1=J1, 2=J2, ETC.). THE GED 'SECTION' COMMAND WILL NOT WORK.

SEC=2

GROUND ALL PINS ON THIS ROW!

101	XS1E MB3 WR DATA<9>
102	XS1E MB3 WR DATA<8>
103	XS1E MB3 WR DATA<1>
104	XS1E MB2 WR DATA<10>
105	XS1E MB2 WR DATA<4>
106	XS1E MB2 WR DATA<3>
107	XS1E MB2 WR DATA<2>
108	XS1E MB2 WR DATA<9>
109	XS1E MB2 WR DATA<8>
110	XS1E MB2 WR DATA<1>
111	XS1E MB1 WR DATA<10>
112	XS1E MB1 WR DATA<4>
113	XS1E MB1 WR DATA<3>
114	XS1E MB1 WR DATA<2>
115	XS1E MB1 WR DATA<9>
116	XS1E MB1 WR DATA<8>
117	XS1E MB1 WR DATA<1>
118	XS1E MB0 WR DATA<10>
119	XS1E MB0 WR DATA<4>
120	XS1E MB0 WR DATA<3>
121	XS1E MB0 WR DATA<2>
122	XS1E MB0 WR DATA<9>
123	XS1E MB0 WR DATA<8>
124	XS1E MB0 WR DATA<1>
125	AB XS1E WR DATA<9>
126	AB XS1E WR PAR<1>
127	AB XS1E WR PAR<9>
128	XS1E MB3 WR DATA<9>
129	XS1E MB3 WR PAR<1>
130	XS1E MB3 WR PAR<9>
131	XS1E MB3 WR ZONE<1>
132	XS1E MB3 WR ZONE<9>
133	XS1E MB2 WR DATA<9>
134	XS1E MB2 WR PAR<1>
135	XS1E MB2 WR PAR<9>
136	XS1E MB2 WR ZONE<1>
137	XS1E MB2 WR ZONE<9>
138	XS1E MB1 WR DATA<9>
139	XS1E MB1 WR PAR<1>
140	XS1E MB1 WR PAR<9>

201	SP3 XS1E WR DATA<9>
202	SP3 XS1E WR DATA<8>
203	SP3 XS1E WR DATA<4>
204	SP3 XS1E WR DATA<1>
205	SP2 XS1E WR DATA<10>
206	SP2 XS1E WR DATA<4>
207	SP2 XS1E WR DATA<3>
208	SP2 XS1E WR DATA<2>
209	SP2 XS1E WR DATA<9>
210	SP2 XS1E WR DATA<8>
211	SP2 XS1E WR DATA<1>
212	SP1 XS1E WR DATA<10>
213	SP1 XS1E WR DATA<4>
214	SP1 XS1E WR DATA<3>
215	SP1 XS1E WR DATA<2>
216	SP1 XS1E WR DATA<9>
217	SP1 XS1E WR DATA<8>
218	SP1 XS1E WR DATA<1>
219	SP0 XS1E WR DATA<10>
220	SP0 XS1E WR DATA<4>
221	SP0 XS1E WR DATA<3>
222	SP0 XS1E WR DATA<2>
223	SP0 XS1E WR DATA<9>
224	SP0 XS1E WR DATA<8>
225	SP0 XS1E WR DATA<1>
226	AB XS1E WR ZONE<1>
227	AB XS1E WR ZONE<9>
228	SP3 XS1E WR DATA<9>
229	SP3 XS1E WR PAR<1>
230	SP3 XS1E WR PAR<9>
231	SP3 XS1E WR ZONE<1>
232	SP3 XS1E WR ZONE<9>
233	SP2 XS1E WR DATA<9>
234	SP2 XS1E WR PAR<1>
235	SP2 XS1E WR PAR<9>
236	SP2 XS1E WR ZONE<1>
237	SP2 XS1E WR ZONE<9>
238	SP1 XS1E WR DATA<9>
239	SP1 XS1E WR PAR<1>
240	SP1 XS1E WR PAR<9>

301	SP4 XS1E WR DATA<9>
302	SP4 XS1E WR DATA<8>
303	SP4 XS1E WR DATA<4>
304	SP4 XS1E WR DATA<1>
305	SP5 XS1E WR DATA<10>
306	SP5 XS1E WR DATA<4>
307	SP5 XS1E WR DATA<3>
308	SP5 XS1E WR DATA<2>
309	SP5 XS1E WR DATA<9>
310	SP5 XS1E WR DATA<8>
311	SP5 XS1E WR DATA<1>
312	SP4 XS1E WR DATA<10>
313	SP4 XS1E WR DATA<4>
314	SP4 XS1E WR DATA<3>
315	SP4 XS1E WR DATA<2>
316	SP4 XS1E WR DATA<9>
317	SP4 XS1E WR DATA<8>
318	SP4 XS1E WR DATA<1>
319	SP7 XS1E WR DATA<10>
320	SP7 XS1E WR DATA<4>
321	SP7 XS1E WR DATA<3>
322	SP7 XS1E WR DATA<2>
323	SP7 XS1E WR DATA<9>
324	SP7 XS1E WR DATA<8>
325	SP7 XS1E WR DATA<1>
326	XS1E CU WR ZONE<1>
327	XS1E CU WR ZONE<9>
328	SP4 XS1E WR DATA<9>
329	SP4 XS1E WR PAR<1>
330	SP4 XS1E WR PAR<9>
331	SP4 XS1E WR ZONE<1>
332	SP4 XS1E WR ZONE<9>
333	SP4 XS1E WR DATA<9>
334	SP4 XS1E WR PAR<1>
335	SP4 XS1E WR PAR<9>
336	SP4 XS1E WR ZONE<1>
337	SP4 XS1E WR ZONE<9>
338	SP4 XS1E WR DATA<9>
339	SP4 XS1E WR PAR<1>
340	SP4 XS1E WR PAR<9>

401	XS1E MB4 WR DATA<9>
402	XS1E MB4 WR DATA<8>
403	XS1E MB4 WR DATA<1>
404	XS1E MB5 WR DATA<10>
405	XS1E MB5 WR DATA<4>
406	XS1E MB5 WR DATA<3>
407	XS1E MB5 WR DATA<2>
408	XS1E MB5 WR DATA<9>
409	XS1E MB5 WR DATA<8>
410	XS1E MB5 WR DATA<1>
411	XS1E MB6 WR DATA<10>
412	XS1E MB6 WR DATA<4>
413	XS1E MB6 WR DATA<3>
414	XS1E MB6 WR DATA<2>
415	XS1E MB6 WR DATA<9>
416	XS1E MB6 WR DATA<8>
417	XS1E MB6 WR DATA<1>
418	XS1E MB7 WR DATA<10>
419	XS1E MB7 WR DATA<4>
420	XS1E MB7 WR DATA<3>
421	XS1E MB7 WR DATA<2>
422	XS1E MB7 WR DATA<9>
423	XS1E MB7 WR DATA<8>
424	XS1E MB7 WR DATA<1>
425	XS1E CU WR DATA<9>
426	XS1E CU WR PAR<1>
427	XS1E CU WR PAR<9>
428	XS1E MB4 WR DATA<9>
429	XS1E MB4 WR PAR<1>
430	XS1E MB4 WR PAR<9>
431	XS1E MB4 WR ZONE<1>
432	XS1E MB4 WR ZONE<9>
433	XS1E MB5 WR DATA<9>
434	XS1E MB5 WR PAR<1>
435	XS1E MB5 WR PAR<9>
436	XS1E MB5 WR ZONE<1>
437	XS1E MB5 WR ZONE<9>
438	XS1E MB6 WR DATA<9>
439	XS1E MB6 WR PAR<1>
440	XS1E MB6 WR PAR<9>

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TITLE: XBP XBAR SEND BOARD 1	ABBR: XBP
DRAWING: 411-000252-300A Rev 0.0	ENGR: GOLENBIESKI
REVISED: Wed Mar 28 17:28:07 1990	PAGE: 25



8 7 6 5 4 3 2 1

AUGAT-NGC-960
 BACKPLANE VERSION
 960 SIGNALS + 240 GROUNDS IN 6 SECTIONS
 XS1E 1P
 BOARD=XS1

TOP
 J6
 J5
 J4
 J3
 J2
 J1
 BOTTOM

NOTE: CHANGE THE NUMBER BELOW TO CORRESPOND TO DESIRED CONNECTOR SECTION (1=J1, 2=J2, ETC.). THE GED 'SECTION' COMMAND WILL NOT WORK.
 SEC=4

GROUND ALL PINS ON THIS ROW!

101	XS1E MB1 CTL PAR<2>
102	XS1E MB1 WR DATA<31>
103	XS1E MB1 WR DATA<30>
104	XS1E MB0 WR DATA<20>
105	XS1E MB0 WR DATA<19>
106	XS1E MB0 WR DATA<18>
107	XS1E MB0 CTL PAR<3>
108	XS1E MB0 CTL PAR<2>
109	XS1E MB0 WR DATA<31>
110	XS1E MB0 WR DATA<30>
111	IAS XS1E WR DATA<28>
112	IAS XS1E WR DATA<25>
113	IAS XS1E WR DATA<22>
114	XS1E MB3 WR DATA<29>
115	XS1E MB3 WR DATA<28>
116	XS1E MB3 WR DATA<27>
117	XS1E MB3 WR DATA<26>
118	XS1E MB3 WR DATA<15>
119	XS1E MB3 WR DATA<14>
120	XS1E MB3 WR DATA<13>
121	XS1E MB2 WR DATA<29>
122	XS1E MB2 WR DATA<28>
123	XS1E MB2 WR DATA<27>
124	XS1E MB2 WR DATA<26>
125	XS1E MB2 WR DATA<15>
126	XS1E MB2 WR DATA<14>
127	XS1E MB2 WR DATA<13>
128	XS1E MB1 WR DATA<29>
129	XS1E MB1 WR DATA<28>
130	XS1E MB1 WR DATA<27>
131	XS1E MB1 WR DATA<21>
132	XS1E MB1 WR DATA<15>
133	XS1E MB1 WR DATA<14>
134	XS1E MB1 WR DATA<13>
135	XS1E MB0 WR DATA<29>
136	XS1E MB0 WR DATA<28>
137	XS1E MB0 WR DATA<27>
138	XS1E MB0 WR DATA<21>
139	XS1E MB0 WR DATA<15>
140	XS1E MB0 WR DATA<14>

201	SP1 XS1E CTL PAR<2>
202	SP1 XS1E WR DATA<31>
203	SP1 XS1E WR DATA<30>
204	SP0 XS1E WR DATA<20>
205	SP0 XS1E WR DATA<19>
206	SP0 XS1E WR DATA<18>
207	SP0 XS1E CTL PAR<3>
208	SP0 XS1E CTL PAR<2>
209	SP0 XS1E WR DATA<31>
210	SP0 XS1E WR DATA<30>
211	IAS XS1E WR DATA<28>
212	IAS XS1E WR DATA<15>
213	IAS XS1E WR DATA<14>
214	IAS XS1E WR DATA<13>
215	SP3 XS1E WR DATA<29>
216	SP3 XS1E WR DATA<28>
217	SP3 XS1E WR DATA<27>
218	SP3 XS1E WR DATA<21>
219	SP3 XS1E WR DATA<15>
220	SP3 XS1E WR DATA<14>
221	SP3 XS1E WR DATA<13>
222	SP2 XS1E WR DATA<29>
223	SP2 XS1E WR DATA<28>
224	SP2 XS1E WR DATA<27>
225	SP2 XS1E WR DATA<21>
226	SP2 XS1E WR DATA<15>
227	SP2 XS1E WR DATA<14>
228	SP2 XS1E WR DATA<13>
229	SP1 XS1E WR DATA<29>
230	SP1 XS1E WR DATA<28>
231	SP1 XS1E WR DATA<22>
232	SP1 XS1E WR DATA<21>
233	SP1 XS1E WR DATA<15>
234	SP1 XS1E WR DATA<14>
235	SP1 XS1E WR DATA<13>
236	SP0 XS1E WR DATA<29>
237	SP0 XS1E WR DATA<28>
238	SP0 XS1E WR DATA<22>
239	SP0 XS1E WR DATA<21>
240	SP0 XS1E WR DATA<15>

301	SP6 XS1E CTL PAR<2>
302	SP6 XS1E WR DATA<31>
303	SP6 XS1E WR DATA<30>
304	SP7 XS1E WR DATA<20>
305	SP7 XS1E WR DATA<19>
306	SP7 XS1E WR DATA<18>
307	SP7 XS1E CTL PAR<3>
308	SP7 XS1E CTL PAR<2>
309	SP7 XS1E WR DATA<31>
310	SP7 XS1E WR DATA<30>
311	XS1E CU WR DATA<29>
312	XS1E CU WR DATA<23>
313	XS1E CU WR DATA<14>
314	XS1E CU WR DATA<21>
315	SP4 XS1E WR DATA<29>
316	SP4 XS1E WR DATA<28>
317	SP4 XS1E WR DATA<27>
318	SP4 XS1E WR DATA<21>
319	SP4 XS1E WR DATA<15>
320	SP4 XS1E WR DATA<14>
321	SP4 XS1E WR DATA<13>
322	SP5 XS1E WR DATA<29>
323	SP5 XS1E WR DATA<28>
324	SP5 XS1E WR DATA<27>
325	SP5 XS1E WR DATA<21>
326	SP5 XS1E WR DATA<15>
327	SP5 XS1E WR DATA<14>
328	SP5 XS1E WR DATA<13>
329	SP6 XS1E WR DATA<29>
330	SP6 XS1E WR DATA<28>
331	SP6 XS1E WR DATA<22>
332	SP6 XS1E WR DATA<21>
333	SP6 XS1E WR DATA<15>
334	SP6 XS1E WR DATA<14>
335	SP6 XS1E WR DATA<13>
336	SP7 XS1E WR DATA<29>
337	SP7 XS1E WR DATA<28>
338	SP7 XS1E WR DATA<22>
339	SP7 XS1E WR DATA<21>
340	SP7 XS1E WR DATA<15>

401	XS1E MB6 CTL PAR<2>
402	XS1E MB6 WR DATA<31>
403	XS1E MB6 WR DATA<30>
404	XS1E MB7 WR DATA<20>
405	XS1E MB7 WR DATA<19>
406	XS1E MB7 WR DATA<18>
407	XS1E MB7 CTL PAR<3>
408	XS1E MB7 CTL PAR<2>
409	XS1E MB7 WR DATA<31>
410	XS1E MB7 WR DATA<30>
411	XS1E CU WR DATA<15>
412	XS1E CU WR DATA<14>
413	XS1E CU WR DATA<13>
414	XS1E MB4 WR DATA<29>
415	XS1E MB4 WR DATA<28>
416	XS1E MB4 WR DATA<27>
417	XS1E MB4 WR DATA<21>
418	XS1E MB4 WR DATA<15>
419	XS1E MB4 WR DATA<14>
420	XS1E MB4 WR DATA<13>
421	XS1E MB5 WR DATA<29>
422	XS1E MB5 WR DATA<28>
423	XS1E MB5 WR DATA<27>
424	XS1E MB5 WR DATA<21>
425	XS1E MB5 WR DATA<15>
426	XS1E MB5 WR DATA<14>
427	XS1E MB5 WR DATA<13>
428	XS1E MB6 WR DATA<29>
429	XS1E MB6 WR DATA<28>
430	XS1E MB6 WR DATA<22>
431	XS1E MB6 WR DATA<21>
432	XS1E MB6 WR DATA<15>
433	XS1E MB6 WR DATA<14>
434	XS1E MB6 WR DATA<13>
435	XS1E MB7 WR DATA<29>
436	XS1E MB7 WR DATA<28>
437	XS1E MB7 WR DATA<22>
438	XS1E MB7 WR DATA<21>
439	XS1E MB7 WR DATA<15>
440	XS1E MB7 WR DATA<14>

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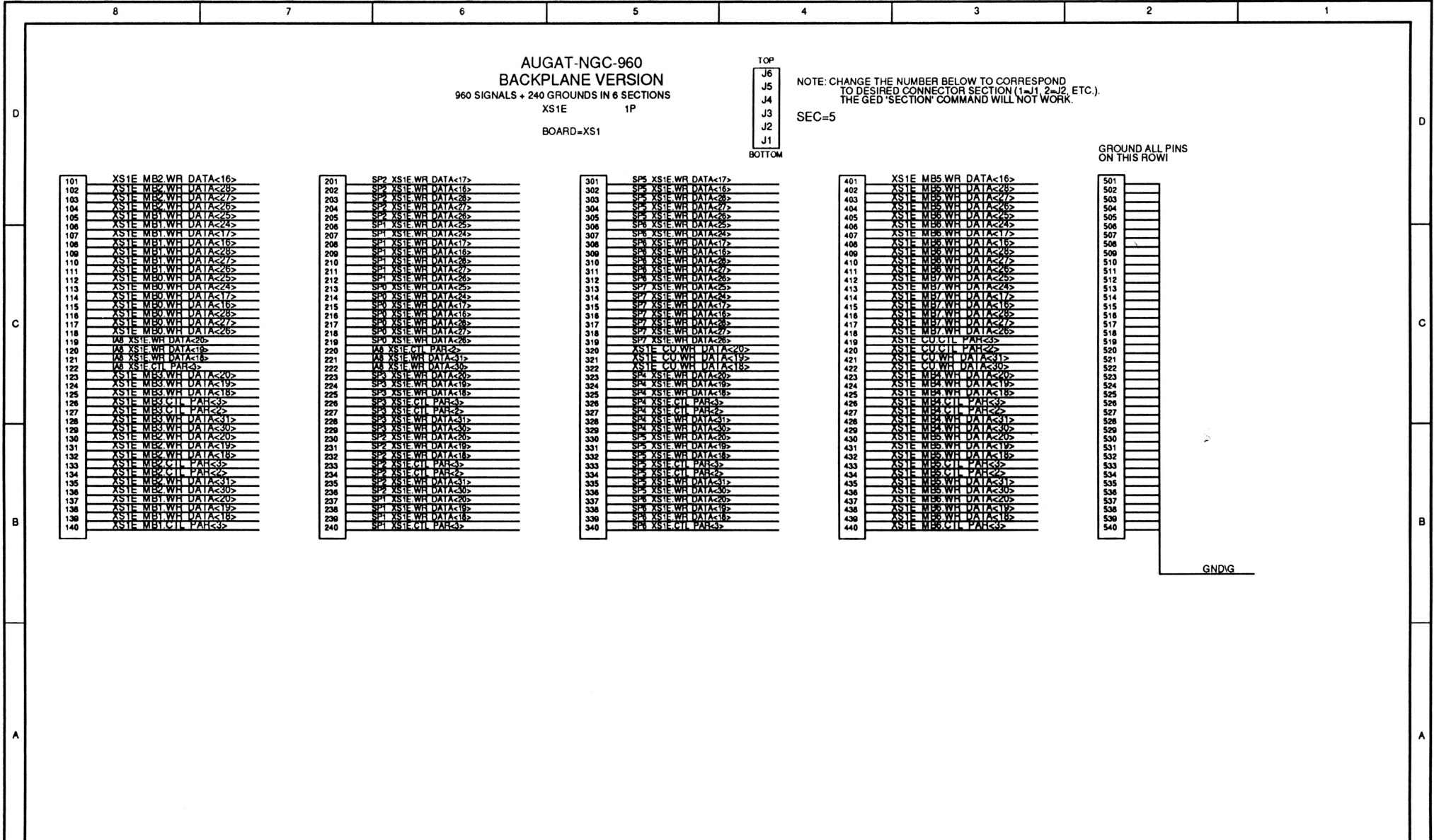
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TITLE: XBP XBAR SEND BOARD 1	ABBR: XBP
DRAWING: 411-000252-300A Rev 0.0	ENGR: GOLEMBESKI
REVISED: Wed Mar 28 17:35:20 1990	PAGE: 27

8 7 6 3 2 1



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TITLE: XBP XBAR SEND BOARD 1

DRAWING: 411-000252-300A Rev 0.0

REVISED: Wed Mar 28 17:38:49 1990

ABBR: XBP

ENGR: GOLENBIESKI

PAGE: 28

AUGAT-NGC-960
BACKPLANE VERSION
960 SIGNALS + 240 GROUNDS IN 6 SECTIONS
XS1E 1P
BOARD=XS1

TOP
J6
J5
J4
J3
J2
J1
BOTTOM

NOTE: CHANGE THE NUMBER BELOW TO CORRESPOND TO DESIRED CONNECTOR SECTION (1-12, 2-12, ETC.). THE GED 'SECTION' COMMAND WILL NOT WORK.

SEC=6

GROUND ALL PINS ON THIS ROW!

101	XC XS1E SCAN CTL<2>
102	XC XS1E SCAN IN
103	MB3 XS1E SEND PAR ERR
104	MB0 XS1E SEND PAR ERR
105	MB XS1E WH ZONE<3>
106	MB XS1E WH ZONE<2>
107	MB XS1E WH PAR<3>
108	XS1E MB3 WH ZONE<3>
109	XS1E MB3 WH ZONE<2>
110	XS1E MB3 WH PAR<3>
111	XS1E MB3 WH PAR<2>
112	XS1E MB3 CTL PAR<4>
113	XS1E MB2 WH ZONE<3>
114	XS1E MB2 WH ZONE<2>
115	XS1E MB2 WH PAR<3>
116	XS1E MB2 WH PAR<2>
117	XS1E MB2 CTL PAR<4>
118	XS1E MB1 WH ZONE<3>
119	XS1E MB1 WH ZONE<2>
120	XS1E MB1 WH PAR<3>
121	XS1E MB1 WH PAR<2>
122	XS1E MB1 CTL PAR<4>
123	XS1E MB0 WH ZONE<3>
124	XS1E MB0 WH ZONE<2>
125	XS1E MB0 WH PAR<3>
126	XS1E MB0 WH PAR<2>
127	XS1E MB0 CTL PAR<4>
128	MB XS1E WH DATA<25>
129	MB XS1E WH DATA<24>
130	MB XS1E WH DATA<17>
131	XS1E MB3 WH DATA<25>
132	XS1E MB3 WH DATA<24>
133	XS1E MB3 WH DATA<17>
134	XS1E MB3 WH DATA<16>
135	XS1E MB3 WH DATA<28>
136	XS1E MB3 WH DATA<27>
137	XS1E MB3 WH DATA<26>
138	XS1E MB3 WH DATA<25>
139	XS1E MB3 WH DATA<24>
140	XS1E MB3 WH DATA<17>

201	XC XS1E SCAN CTL<1>
202	XS1E XC SCAN OUT
203	MB3 XS1E SEND PAR ERR
204	MB0 XS1E SEND PAR ERR
205	MB1 XS1E SEND PAR ERR
206	MB XS1E WH PAR<3>
207	MB XS1E CTL PAR<4>
208	SP3 XS1E WH ZONE<3>
209	SP3 XS1E WH ZONE<2>
210	SP3 XS1E WH PAR<3>
211	SP3 XS1E WH PAR<2>
212	SP3 XS1E CTL PAR<4>
213	SP2 XS1E WH ZONE<3>
214	SP2 XS1E WH ZONE<2>
215	SP2 XS1E WH PAR<3>
216	SP2 XS1E WH PAR<2>
217	SP2 XS1E CTL PAR<4>
218	SP1 XS1E WH ZONE<3>
219	SP1 XS1E WH ZONE<2>
220	SP1 XS1E WH PAR<3>
221	SP1 XS1E WH PAR<2>
222	SP1 XS1E CTL PAR<4>
223	SP0 XS1E WH ZONE<3>
224	SP0 XS1E WH ZONE<2>
225	SP0 XS1E WH PAR<3>
226	SP0 XS1E WH PAR<2>
227	SP0 XS1E CTL PAR<4>
228	MB XS1E WH DATA<16>
229	MB XS1E WH DATA<28>
230	MB XS1E WH DATA<27>
231	MB XS1E WH DATA<26>
232	SP3 XS1E WH DATA<25>
233	SP3 XS1E WH DATA<24>
234	SP3 XS1E WH DATA<17>
235	SP3 XS1E WH DATA<16>
236	SP3 XS1E WH DATA<28>
237	SP3 XS1E WH DATA<27>
238	SP3 XS1E WH DATA<26>
239	SP3 XS1E WH DATA<25>
240	SP2 XS1E WH DATA<24>

301	XC XS1E SCAN CTL<0>
302	XC XS1E CONFG LOAD
303	CU XS1E SEND PAR ERR
304	MB4 XS1E SEND PAR ERR
305	MB6 XS1E SEND PAR ERR
306	XS1E CU WH ZONE<3>
307	XS1E CU WH ZONE<2>
308	SP4 XS1E WH ZONE<3>
309	SP4 XS1E WH ZONE<2>
310	SP4 XS1E WH PAR<3>
311	SP4 XS1E WH PAR<2>
312	SP4 XS1E CTL PAR<4>
313	SP5 XS1E WH ZONE<3>
314	SP5 XS1E WH ZONE<2>
315	SP5 XS1E WH PAR<3>
316	SP5 XS1E WH PAR<2>
317	SP5 XS1E CTL PAR<4>
318	SP6 XS1E WH ZONE<3>
319	SP6 XS1E WH ZONE<2>
320	SP6 XS1E WH PAR<3>
321	SP6 XS1E WH PAR<2>
322	SP6 XS1E CTL PAR<4>
323	SP7 XS1E WH ZONE<3>
324	SP7 XS1E WH ZONE<2>
325	SP7 XS1E WH PAR<3>
326	SP7 XS1E WH PAR<2>
327	SP7 XS1E CTL PAR<4>
328	MB XS1E WH DATA<25>
329	XS1E CU WH DATA<23>
330	XS1E CU WH DATA<17>
331	XS1E CU WH DATA<16>
332	SP4 XS1E WH DATA<25>
333	SP4 XS1E WH DATA<24>
334	SP4 XS1E WH DATA<17>
335	SP4 XS1E WH DATA<16>
336	SP4 XS1E WH DATA<28>
337	SP4 XS1E WH DATA<27>
338	SP4 XS1E WH DATA<26>
339	SP4 XS1E WH DATA<25>
340	SP5 XS1E WH DATA<24>

401	XS1E XC HARD ERROR
402	MB5 XS1E SEND PAR ERR
403	MB7 XS1E SEND PAR ERR
404	XS1E CU WH PAR<3>
405	XS1E CU WH PAR<2>
406	XS1E CU CTL PAR<4>
407	XS1E MB4 WH ZONE<3>
408	XS1E MB4 WH ZONE<2>
409	XS1E MB4 WH PAR<3>
410	XS1E MB4 WH PAR<2>
411	XS1E MB4 CTL PAR<4>
412	XS1E MB5 WH ZONE<3>
413	XS1E MB5 WH ZONE<2>
414	XS1E MB5 WH PAR<3>
415	XS1E MB5 WH PAR<2>
416	XS1E MB5 CTL PAR<4>
417	XS1E MB6 WH ZONE<3>
418	XS1E MB6 WH ZONE<2>
419	XS1E MB6 WH PAR<3>
420	XS1E MB6 WH PAR<2>
421	XS1E MB6 CTL PAR<4>
422	XS1E MB7 WH ZONE<3>
423	XS1E MB7 WH ZONE<2>
424	XS1E MB7 WH PAR<3>
425	XS1E MB7 WH PAR<2>
426	XS1E MB7 CTL PAR<4>
427	XS1E CU WH DATA<28>
428	XS1E CU WH DATA<23>
429	XS1E CU WH DATA<25>
430	XS1E CU WH DATA<26>
431	XS1E MB4 WH DATA<25>
432	XS1E MB4 WH DATA<24>
433	XS1E MB4 WH DATA<17>
434	XS1E MB4 WH DATA<16>
435	XS1E MB4 WH DATA<28>
436	XS1E MB4 WH DATA<27>
437	XS1E MB5 WH DATA<26>
438	XS1E MB5 WH DATA<25>
439	XS1E MB5 WH DATA<24>
440	XS1E MB5 WH DATA<17>

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TITLE: XBP XBAR SEND BOARD 1

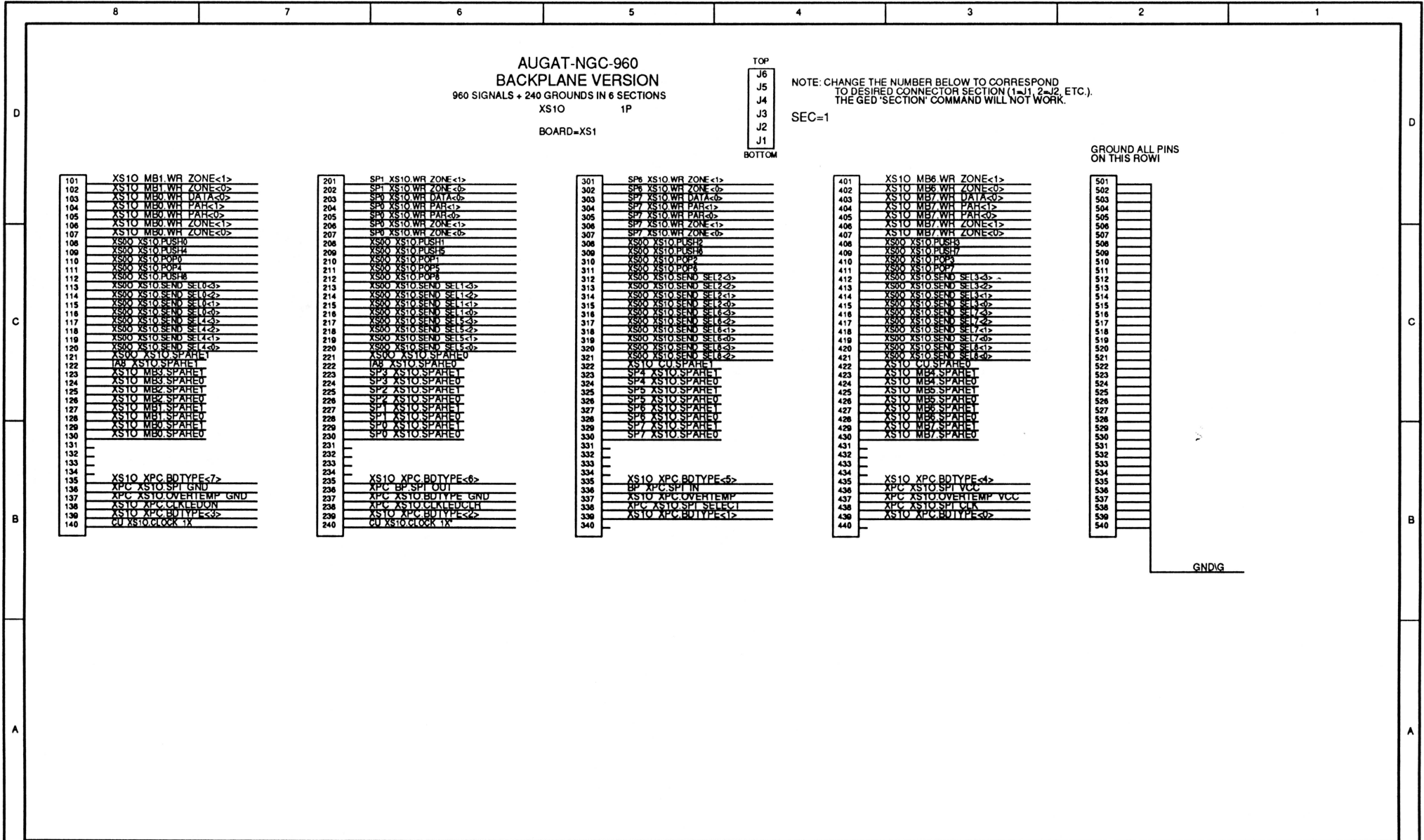
DRAWING: 411-000252-300A Rev 0.0

REVISED: Wed Mar 28 17:41:58 1990

ABBR: XBP

ENGR: GOLEMBESKI

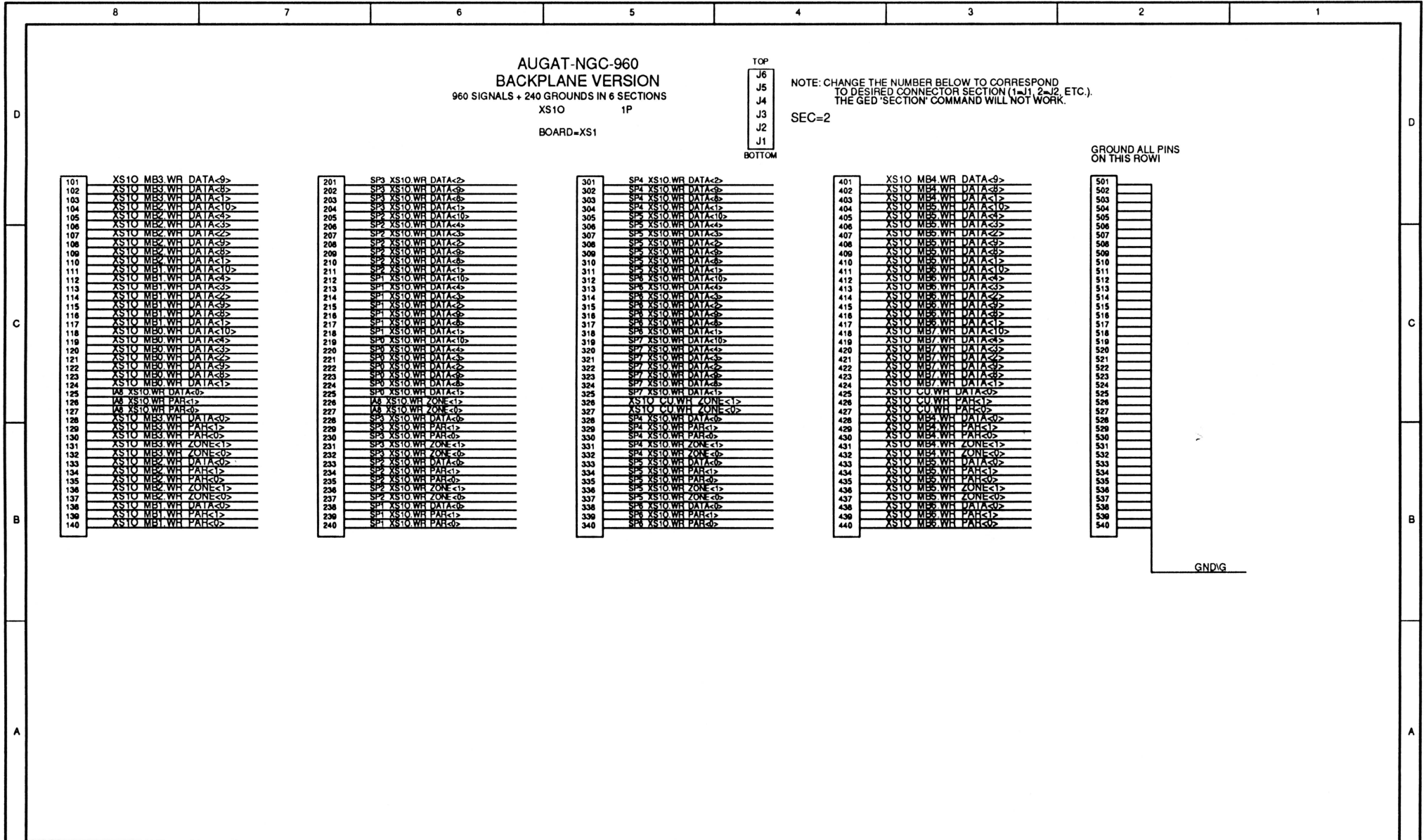
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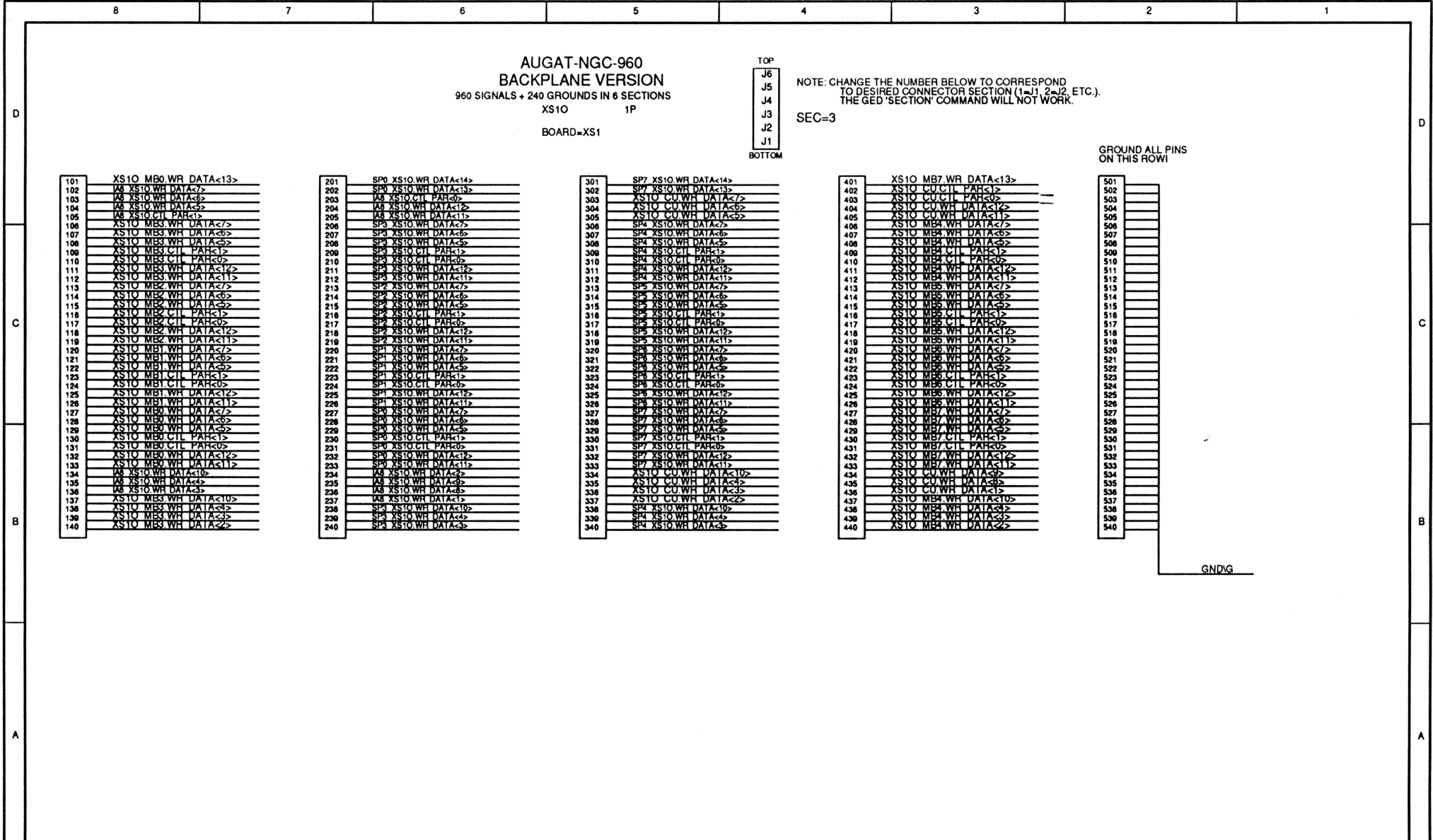
TITLE: XBP XBAR SEND BOARD 1
 DRAWING: 411-000252-300A Rev 0.0
 REVISED: Wed Mar 28 17:19:51 1990
 ABBR: XBP
 ENGR: GOLENBIESKI
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TITLE: XBP XBAR SEND BOARD 1	ABBR: XBP
DRAWING: 411-000252-300A Rev 0.0	ENGR: GOLENBIESKI
REVISED: Wed Mar 28 17:20:59 1990	PAGE: 31



AUGAT-NGC-960
BACKPLANE VERSION
 960 SIGNALS + 240 GROUNDS IN 6 SECTIONS
 XS10 1P
 BOARD=XS1

TOP
 J6
 J5
 J4
 J3
 J2
 J1
 BOTTOM

NOTE: CHANGE THE NUMBER BELOW TO CORRESPOND
 TO DESIRED CONNECTOR SECTION (1=J1, 2=J2, ETC.).
 THE GED 'SECTION' COMMAND WILL NOT WORK.
 SEC=3

GROUND ALL PINS ON THIS ROW!

- 101 XS10 MB0 WR DATA<13>
- 102 IAB XS10 WR DATA<7>
- 103 IAB XS10 WR DATA<6>
- 104 IAB XS10 WR DATA<5>
- 105 IAB XS10 CIL PAR<1>
- 106 XS10 MB3 WR DATA<7>
- 107 XS10 MB3 WR DATA<6>
- 108 XS10 MB3 WR DATA<5>
- 109 XS10 MB3 CIL PAR<1>
- 110 XS10 MB3 CIL PAR<0>
- 111 XS10 MB3 WR DATA<12>
- 112 XS10 MB3 WR DATA<11>
- 113 XS10 MB2 WR DATA<7>
- 114 XS10 MB2 WR DATA<6>
- 115 XS10 MB2 WR DATA<5>
- 116 XS10 MB2 CIL PAR<1>
- 117 XS10 MB2 CIL PAR<0>
- 118 XS10 MB2 WR DATA<12>
- 119 XS10 MB2 WR DATA<11>
- 120 XS10 MB1 WR DATA<7>
- 121 XS10 MB1 WR DATA<6>
- 122 XS10 MB1 WR DATA<5>
- 123 XS10 MB1 CIL PAR<1>
- 124 XS10 MB1 CIL PAR<0>
- 125 XS10 MB1 WR DATA<12>
- 126 XS10 MB1 WR DATA<11>
- 127 XS10 MB0 WR DATA<7>
- 128 XS10 MB0 WR DATA<6>
- 129 XS10 MB0 WR DATA<5>
- 130 XS10 MB0 CIL PAR<1>
- 131 XS10 MB0 CIL PAR<0>
- 132 XS10 MB0 WR DATA<12>
- 133 XS10 MB0 WR DATA<11>
- 134 IAB XS10 WR DATA<10>
- 135 IAB XS10 WR DATA<9>
- 136 IAB XS10 WR DATA<8>
- 137 XS10 MB3 WR DATA<10>
- 138 XS10 MB3 WR DATA<9>
- 139 XS10 MB3 WR DATA<8>
- 140 XS10 MB3 WR DATA<7>

- 201 SP0 XS10 WR DATA<14>
- 202 SP0 XS10 WR DATA<13>
- 203 IAB XS10 CIL PAR<0>
- 204 IAB XS10 WR DATA<12>
- 205 IAB XS10 WR DATA<11>
- 206 SP3 XS10 WR DATA<7>
- 207 SP3 XS10 WR DATA<6>
- 208 SP3 XS10 WR DATA<5>
- 209 SP3 XS10 CIL PAR<1>
- 210 SP3 XS10 CIL PAR<0>
- 211 SP3 XS10 WR DATA<12>
- 212 SP3 XS10 WR DATA<11>
- 213 SP2 XS10 WR DATA<7>
- 214 SP2 XS10 WR DATA<6>
- 215 SP2 XS10 WR DATA<5>
- 216 SP2 XS10 CIL PAR<1>
- 217 SP2 XS10 CIL PAR<0>
- 218 SP2 XS10 WR DATA<12>
- 219 SP2 XS10 WR DATA<11>
- 220 SP1 XS10 WR DATA<7>
- 221 SP1 XS10 WR DATA<6>
- 222 SP1 XS10 WR DATA<5>
- 223 SP1 XS10 CIL PAR<1>
- 224 SP1 XS10 CIL PAR<0>
- 225 SP1 XS10 WR DATA<12>
- 226 SP1 XS10 WR DATA<11>
- 227 SP0 XS10 WR DATA<7>
- 228 SP0 XS10 WR DATA<6>
- 229 SP0 XS10 WR DATA<5>
- 230 SP0 XS10 CIL PAR<1>
- 231 SP0 XS10 CIL PAR<0>
- 232 SP0 XS10 WR DATA<12>
- 233 SP0 XS10 WR DATA<11>
- 234 IAB XS10 WR DATA<10>
- 235 IAB XS10 WR DATA<9>
- 236 IAB XS10 WR DATA<8>
- 237 IAB XS10 WR DATA<15>
- 238 SP4 XS10 WR DATA<10>
- 239 SP4 XS10 WR DATA<9>
- 240 SP4 XS10 WR DATA<8>

- 301 SP7 XS10 WR DATA<14>
- 302 SP7 XS10 WR DATA<13>
- 303 XS10 CU WR DATA<7>
- 304 XS10 CU WR DATA<6>
- 305 XS10 CU WR DATA<5>
- 306 SP4 XS10 WR DATA<7>
- 307 SP4 XS10 WR DATA<6>
- 308 SP4 XS10 WR DATA<5>
- 309 SP4 XS10 CIL PAR<1>
- 310 SP4 XS10 CIL PAR<0>
- 311 SP4 XS10 WR DATA<12>
- 312 SP4 XS10 WR DATA<11>
- 313 SP5 XS10 WR DATA<7>
- 314 SP5 XS10 WR DATA<6>
- 315 SP5 XS10 WR DATA<5>
- 316 SP5 XS10 CIL PAR<1>
- 317 SP5 XS10 CIL PAR<0>
- 318 SP5 XS10 WR DATA<12>
- 319 SP5 XS10 WR DATA<11>
- 320 SP4 XS10 WR DATA<7>
- 321 SP4 XS10 WR DATA<6>
- 322 SP4 XS10 WR DATA<5>
- 323 SP4 XS10 CIL PAR<1>
- 324 SP4 XS10 CIL PAR<0>
- 325 SP4 XS10 WR DATA<12>
- 326 SP4 XS10 WR DATA<11>
- 327 SP7 XS10 WR DATA<7>
- 328 SP7 XS10 WR DATA<6>
- 329 SP7 XS10 WR DATA<5>
- 330 SP7 XS10 CIL PAR<1>
- 331 SP7 XS10 CIL PAR<0>
- 332 SP7 XS10 WR DATA<12>
- 333 SP7 XS10 WR DATA<11>
- 334 XS10 CU WR DATA<10>
- 335 XS10 CU WR DATA<9>
- 336 XS10 CU WR DATA<8>
- 337 XS10 CU WR DATA<22>
- 338 SP4 XS10 WR DATA<10>
- 339 SP4 XS10 WR DATA<9>
- 340 SP4 XS10 WR DATA<8>

- 401 XS10 MB7 WR DATA<13>
- 402 XS10 CU CIL PAR<1>
- 403 XS10 CU CIL PAR<0>
- 404 XS10 CU WR DATA<12>
- 405 XS10 CU WR DATA<11>
- 406 XS10 MB4 WR DATA<7>
- 407 XS10 MB4 WR DATA<6>
- 408 XS10 MB4 WR DATA<5>
- 409 XS10 MB4 CIL PAR<1>
- 410 XS10 MB4 CIL PAR<0>
- 411 XS10 MB4 WR DATA<12>
- 412 XS10 MB4 WR DATA<11>
- 413 XS10 MB5 WR DATA<7>
- 414 XS10 MB5 WR DATA<6>
- 415 XS10 MB5 WR DATA<5>
- 416 XS10 MB5 CIL PAR<1>
- 417 XS10 MB5 CIL PAR<0>
- 418 XS10 MB5 WR DATA<12>
- 419 XS10 MB5 WR DATA<11>
- 420 XS10 MB6 WR DATA<7>
- 421 XS10 MB6 WR DATA<6>
- 422 XS10 MB6 WR DATA<5>
- 423 XS10 MB6 CIL PAR<1>
- 424 XS10 MB6 CIL PAR<0>
- 425 XS10 MB6 WR DATA<12>
- 426 XS10 MB6 WR DATA<11>
- 427 XS10 MB7 WR DATA<7>
- 428 XS10 MB7 WR DATA<6>
- 429 XS10 MB7 WR DATA<5>
- 430 XS10 MB7 CIL PAR<1>
- 431 XS10 MB7 CIL PAR<0>
- 432 XS10 MB7 WR DATA<12>
- 433 XS10 MB7 WR DATA<11>
- 434 XS10 CU WR DATA<8>
- 435 XS10 CU WR DATA<7>
- 436 XS10 CU WR DATA<15>
- 437 XS10 MB4 WR DATA<10>
- 438 XS10 MB4 WR DATA<9>
- 439 XS10 MB4 WR DATA<8>
- 440 XS10 MB4 WR DATA<7>

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TITLE: XBP XBAR SEND BOARD 1
 DRAWING: 411-000252-300A Rev 0.0
 REVISED: Wed Mar 28 17:22:20 1990

ABBR: XBP
 ENGR: GOLENBIESKI

PAGE: 32

8 7 6 5 4 3 2 1

AUGAT-NGC-960
 BACKPLANE VERSION
 960 SIGNALS + 240 GROUNDS IN 6 SECTIONS
 XS10 1P
 BOARD=XS1

TOP
 J6
 J5
 J4
 J3
 J2
 J1
 BOTTOM

NOTE: CHANGE THE NUMBER BELOW TO CORRESPOND TO DESIRED CONNECTOR SECTION (1=J1, 2=J2, ETC.). THE GED 'SECTION' COMMAND WILL NOT WORK.

SEC=4

GROUND ALL PINS ON THIS ROW!

101	XS10 MB1 CTL PAR<2>
102	XS10 MB1 WR DATA<31>
103	XS10 MB1 WR DATA<30>
104	XS10 MB0 WR DATA<20>
105	XS10 MB0 WR DATA<19>
106	XS10 MB0 WR DATA<18>
107	XS10 MB0 CTL PAR<3>
108	XS10 MB0 CTL PAR<2>
109	XS10 MB0 WR DATA<31>
110	XS10 MB0 WR DATA<30>
111	IA8 XS10 WR DATA<28>
112	IA8 XS10 WR DATA<28>
113	IA8 XS10 WR DATA<28>
114	XS10 MB3 WR DATA<29>
115	XS10 MB3 WR DATA<29>
116	XS10 MB3 WR DATA<29>
117	XS10 MB3 WR DATA<21>
118	XS10 MB3 WR DATA<15>
119	XS10 MB3 WR DATA<14>
120	XS10 MB3 WR DATA<13>
121	XS10 MB2 WR DATA<29>
122	XS10 MB2 WR DATA<23>
123	XS10 MB2 WR DATA<22>
124	XS10 MB2 WR DATA<21>
125	XS10 MB2 WR DATA<15>
126	XS10 MB2 WR DATA<14>
127	XS10 MB2 WR DATA<13>
128	XS10 MB1 WR DATA<29>
129	XS10 MB1 WR DATA<23>
130	XS10 MB1 WR DATA<22>
131	XS10 MB1 WR DATA<21>
132	XS10 MB1 WR DATA<15>
133	XS10 MB1 WR DATA<14>
134	XS10 MB1 WR DATA<13>
135	XS10 MB0 WR DATA<29>
136	XS10 MB0 WR DATA<23>
137	XS10 MB0 WR DATA<22>
138	XS10 MB0 WR DATA<21>
139	XS10 MB0 WR DATA<15>
140	XS10 MB0 WR DATA<14>

201	SP1 XS10 CTL PAR<2>
202	SP1 XS10 WR DATA<31>
203	SP1 XS10 WR DATA<30>
204	SP0 XS10 WR DATA<20>
205	SP0 XS10 WR DATA<19>
206	SP0 XS10 WR DATA<18>
207	SP0 XS10 CTL PAR<3>
208	SP0 XS10 CTL PAR<2>
209	SP0 XS10 WR DATA<31>
210	SP0 XS10 WR DATA<30>
211	IA8 XS10 WR DATA<21>
212	IA8 XS10 WR DATA<15>
213	IA8 XS10 WR DATA<14>
214	IA8 XS10 WR DATA<13>
215	SP3 XS10 WR DATA<29>
216	SP3 XS10 WR DATA<23>
217	SP3 XS10 WR DATA<22>
218	SP3 XS10 WR DATA<21>
219	SP3 XS10 WR DATA<15>
220	SP3 XS10 WR DATA<14>
221	SP2 XS10 WR DATA<29>
222	SP2 XS10 WR DATA<23>
223	SP2 XS10 WR DATA<22>
224	SP2 XS10 WR DATA<21>
225	SP2 XS10 WR DATA<15>
226	SP2 XS10 WR DATA<14>
227	SP2 XS10 WR DATA<13>
228	SP2 XS10 WR DATA<13>
229	SP1 XS10 WR DATA<29>
230	SP1 XS10 WR DATA<23>
231	SP1 XS10 WR DATA<22>
232	SP1 XS10 WR DATA<21>
233	SP1 XS10 WR DATA<15>
234	SP1 XS10 WR DATA<14>
235	SP1 XS10 WR DATA<13>
236	SP0 XS10 WR DATA<29>
237	SP0 XS10 WR DATA<23>
238	SP0 XS10 WR DATA<22>
239	SP0 XS10 WR DATA<21>
240	SP0 XS10 WR DATA<15>

301	SP6 XS10 CTL PAR<2>
302	SP6 XS10 WR DATA<31>
303	SP6 XS10 WR DATA<30>
304	SP7 XS10 WR DATA<20>
305	SP7 XS10 WR DATA<19>
306	SP7 XS10 WR DATA<18>
307	SP7 XS10 CTL PAR<3>
308	SP7 XS10 CTL PAR<2>
309	SP7 XS10 WR DATA<31>
310	SP7 XS10 WR DATA<30>
311	XS10 CU WR DATA<29>
312	XS10 CU WR DATA<23>
313	XS10 CU WR DATA<22>
314	XS10 CU WR DATA<21>
315	SP4 XS10 WR DATA<29>
316	SP4 XS10 WR DATA<23>
317	SP4 XS10 WR DATA<22>
318	SP4 XS10 WR DATA<21>
319	SP4 XS10 WR DATA<15>
320	SP4 XS10 WR DATA<14>
321	SP4 XS10 WR DATA<13>
322	SP4 XS10 WR DATA<29>
323	SP5 XS10 WR DATA<29>
324	SP5 XS10 WR DATA<22>
325	SP5 XS10 WR DATA<21>
326	SP5 XS10 WR DATA<15>
327	SP5 XS10 WR DATA<14>
328	SP5 XS10 WR DATA<13>
329	SP3 XS10 WR DATA<29>
330	SP3 XS10 WR DATA<23>
331	SP3 XS10 WR DATA<22>
332	SP3 XS10 WR DATA<21>
333	SP3 XS10 WR DATA<15>
334	SP3 XS10 WR DATA<14>
335	SP3 XS10 WR DATA<13>
336	SP7 XS10 WR DATA<29>
337	SP7 XS10 WR DATA<23>
338	SP7 XS10 WR DATA<22>
339	SP7 XS10 WR DATA<21>
340	SP7 XS10 WR DATA<15>

401	XS10 MB6 CTL PAR<2>
402	XS10 MB6 WR DATA<31>
403	XS10 MB6 WR DATA<30>
404	XS10 MB7 WR DATA<20>
405	XS10 MB7 WR DATA<19>
406	XS10 MB7 WR DATA<18>
407	XS10 MB7 CTL PAR<3>
408	XS10 MB7 CTL PAR<2>
409	XS10 MB7 WR DATA<31>
410	XS10 MB7 WR DATA<30>
411	XS10 CU WR DATA<15>
412	XS10 CU WR DATA<14>
413	XS10 CU WR DATA<13>
414	XS10 MB4 WR DATA<29>
415	XS10 MB4 WR DATA<23>
416	XS10 MB4 WR DATA<22>
417	XS10 MB4 WR DATA<21>
418	XS10 MB4 WR DATA<15>
419	XS10 MB4 WR DATA<14>
420	XS10 MB4 WR DATA<13>
421	XS10 MB5 WR DATA<29>
422	XS10 MB5 WR DATA<23>
423	XS10 MB5 WR DATA<22>
424	XS10 MB5 WR DATA<21>
425	XS10 MB5 WR DATA<15>
426	XS10 MB5 WR DATA<14>
427	XS10 MB5 WR DATA<13>
428	XS10 MB5 WR DATA<29>
429	XS10 MB6 WR DATA<29>
430	XS10 MB6 WR DATA<23>
431	XS10 MB6 WR DATA<22>
432	XS10 MB6 WR DATA<21>
433	XS10 MB6 WR DATA<15>
434	XS10 MB6 WR DATA<14>
435	XS10 MB6 WR DATA<13>
436	XS10 MB7 WR DATA<29>
437	XS10 MB7 WR DATA<23>
438	XS10 MB7 WR DATA<22>
439	XS10 MB7 WR DATA<21>
440	XS10 MB7 WR DATA<15>

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TITLE: XBP XBAR SEND BOARD 1	ABBR: XBP
DRAWING: 411-000252-300A Rev 0.0	ENGR: GOLENBIESKI
REVISED: Wed Mar 28 17:25:01 1990	PAGE: 33

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AUGAT-NGC-960
 BACKPLANE VERSION
 960 SIGNALS + 240 GROUNDS IN 6 SECTIONS
 XS10 1P
 BOARD=XS1

TOP
 J6
 J5
 J4
 J3
 J2
 J1
 BOTTOM

NOTE: CHANGE THE NUMBER BELOW TO CORRESPOND TO DESIRED CONNECTOR SECTION (1=J1, 2=J2, ETC.). THE GED 'SECTION' COMMAND WILL NOT WORK.

SEC=5

GROUND ALL PINS ON THIS ROW!

101	XS10 MB2 WR DATA<16>
102	XS10 MB2 WR DATA<28>
103	XS10 MB2 WR DATA<7>
104	XS10 MB2 WR DATA<26>
105	XS10 MB1 WR DATA<25>
106	XS10 MB1 WR DATA<24>
107	XS10 MB1 WR DATA<17>
108	XS10 MB1 WR DATA<16>
109	XS10 MB1 WR DATA<28>
110	XS10 MB1 WR DATA<7>
111	XS10 MB1 WR DATA<26>
112	XS10 MB0 WR DATA<25>
113	XS10 MB0 WR DATA<24>
114	XS10 MB0 WR DATA<17>
115	XS10 MB0 WR DATA<16>
116	XS10 MB0 WR DATA<28>
117	XS10 MB0 WR DATA<7>
118	XS10 MB0 WR DATA<26>
119	IA8 XS10 WR DATA<25>
120	IA8 XS10 WR DATA<18>
121	IA8 XS10 WR DATA<18>
122	IA8 XS10 CIL PAR<3>
123	XS10 MB3 WR DATA<20>
124	XS10 MB3 WR DATA<19>
125	XS10 MB3 WR DATA<18>
126	XS10 MB3 CIL PAR<3>
127	XS10 MB3 CIL PAR<3>
128	XS10 MB3 WR DATA<31>
129	XS10 MB3 WR DATA<30>
130	XS10 MB2 WR DATA<20>
131	XS10 MB2 WR DATA<19>
132	XS10 MB2 WR DATA<18>
133	XS10 MB2 CIL PAR<3>
134	XS10 MB2 CIL PAR<3>
135	XS10 MB2 WR DATA<31>
136	XS10 MB2 WR DATA<30>
137	XS10 MB1 WR DATA<20>
138	XS10 MB1 WR DATA<19>
139	XS10 MB1 WR DATA<18>
140	XS10 MB1 CIL PAR<3>

201	SP2 XS10 WR DATA<17>
202	SP2 XS10 WR DATA<16>
203	SP2 XS10 WR DATA<28>
204	SP2 XS10 WR DATA<27>
205	SP2 XS10 WR DATA<26>
206	SP1 XS10 WR DATA<25>
207	SP1 XS10 WR DATA<24>
208	SP1 XS10 WR DATA<17>
209	SP1 XS10 WR DATA<16>
210	SP1 XS10 WR DATA<28>
211	SP1 XS10 WR DATA<27>
212	SP1 XS10 WR DATA<26>
213	SP0 XS10 WR DATA<25>
214	SP0 XS10 WR DATA<24>
215	SP0 XS10 WR DATA<17>
216	SP0 XS10 WR DATA<16>
217	SP0 XS10 WR DATA<28>
218	SP0 XS10 WR DATA<27>
219	SP0 XS10 WR DATA<26>
220	IA8 XS10 CIL PAR<3>
221	IA8 XS10 WR DATA<31>
222	IA8 XS10 WR DATA<30>
223	SP3 XS10 WR DATA<20>
224	SP3 XS10 WR DATA<19>
225	SP3 XS10 WR DATA<18>
226	SP3 XS10 CIL PAR<3>
227	SP3 XS10 CIL PAR<3>
228	SP3 XS10 WR DATA<31>
229	SP3 XS10 WR DATA<30>
230	SP2 XS10 WR DATA<20>
231	SP2 XS10 WR DATA<19>
232	SP2 XS10 WR DATA<18>
233	SP2 XS10 CIL PAR<3>
234	SP2 XS10 CIL PAR<3>
235	SP2 XS10 WR DATA<31>
236	SP2 XS10 WR DATA<30>
237	SP1 XS10 WR DATA<20>
238	SP1 XS10 WR DATA<19>
239	SP1 XS10 WR DATA<18>
240	SP1 XS10 CIL PAR<3>

301	SP5 XS10 WR DATA<17>
302	SP5 XS10 WR DATA<16>
303	SP5 XS10 WR DATA<28>
304	SP5 XS10 WR DATA<27>
305	SP5 XS10 WR DATA<26>
306	SP4 XS10 WR DATA<25>
307	SP4 XS10 WR DATA<24>
308	SP4 XS10 WR DATA<17>
309	SP4 XS10 WR DATA<16>
310	SP4 XS10 WR DATA<28>
311	SP4 XS10 WR DATA<27>
312	SP4 XS10 WR DATA<26>
313	SP7 XS10 WR DATA<25>
314	SP7 XS10 WR DATA<24>
315	SP7 XS10 WR DATA<17>
316	SP7 XS10 WR DATA<16>
317	SP7 XS10 WR DATA<28>
318	SP7 XS10 WR DATA<27>
319	SP7 XS10 WR DATA<26>
320	XS10 CU WR DATA<20>
321	XS10 CU WR DATA<19>
322	XS10 CU WR DATA<18>
323	SP4 XS10 WR DATA<20>
324	SP4 XS10 WR DATA<19>
325	SP4 XS10 WR DATA<18>
326	SP4 XS10 CIL PAR<3>
327	SP4 XS10 CIL PAR<3>
328	SP4 XS10 WR DATA<31>
329	SP4 XS10 WR DATA<30>
330	SP5 XS10 WR DATA<20>
331	SP5 XS10 WR DATA<19>
332	SP5 XS10 WR DATA<18>
333	SP5 XS10 CIL PAR<3>
334	SP5 XS10 CIL PAR<3>
335	SP5 XS10 WR DATA<31>
336	SP5 XS10 WR DATA<30>
337	SP6 XS10 WR DATA<20>
338	SP6 XS10 WR DATA<19>
339	SP6 XS10 WR DATA<18>
340	SP6 XS10 CIL PAR<3>

401	XS10 MB5 WR DATA<16>
402	XS10 MB5 WR DATA<28>
403	XS10 MB5 WR DATA<7>
404	XS10 MB5 WR DATA<26>
405	XS10 MB5 WR DATA<25>
406	XS10 MB5 WR DATA<24>
407	XS10 MB5 WR DATA<17>
408	XS10 MB5 WR DATA<16>
409	XS10 MB5 WR DATA<28>
410	XS10 MB5 WR DATA<7>
411	XS10 MB5 WR DATA<26>
412	XS10 MB7 WR DATA<25>
413	XS10 MB7 WR DATA<24>
414	XS10 MB7 WR DATA<17>
415	XS10 MB7 WR DATA<16>
416	XS10 MB7 WR DATA<28>
417	XS10 MB7 WR DATA<7>
418	XS10 MB7 WR DATA<26>
419	XS10 CU CIL PAR<3>
420	XS10 CU WR DATA<31>
421	XS10 CU WR DATA<30>
422	XS10 MB4 WR DATA<20>
423	XS10 MB4 WR DATA<19>
424	XS10 MB4 WR DATA<18>
425	XS10 MB4 CIL PAR<3>
426	XS10 MB4 CIL PAR<3>
427	XS10 MB4 WR DATA<31>
428	XS10 MB4 WR DATA<30>
429	XS10 MB5 WR DATA<20>
430	XS10 MB5 WR DATA<19>
431	XS10 MB5 WR DATA<18>
432	XS10 MB5 CIL PAR<3>
433	XS10 MB5 CIL PAR<3>
434	XS10 MB5 WR DATA<31>
435	XS10 MB5 WR DATA<30>
436	XS10 MB5 WR DATA<20>
437	XS10 MB5 WR DATA<19>
438	XS10 MB5 WR DATA<18>
439	XS10 MB5 CIL PAR<3>
440	XS10 MB5 CIL PAR<3>

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TITLE: XBP XBAR SEND BOARD 1

DRAWING: 411-000252-300A Rev 0.0

REVISED: Wed Mar 28 17:28:32 1990

ABBR: XBP

ENGR: GOLENBIESKI

PAGE: 34

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6

3

2

1

AUGAT-NGC-960
 BACKPLANE VERSION
 960 SIGNALS + 240 GROUNDS IN 6 SECTIONS
 XS10 1P
 BOARD=XS1

TOP
 J6
 J5
 J4
 J3
 J2
 J1
 BOTTOM

NOTE: CHANGE THE NUMBER BELOW TO CORRESPOND TO DESIRED CONNECTOR SECTION (1=J1, 2=J2, ETC.). THE GED 'SECTION' COMMAND WILL NOT WORK.
 SEC=6

GROUND ALL PINS ON THIS ROW!

101	XC XS10.SCAN CTL<2>
102	XC XS10.SCAN IN
103	MB2 XS10.SEND PAR EHH
104	MB3 XS10.SEND PAR EHH
105	IAB XS10.WR.ZONE<3>
106	IAB XS10.WR.ZONE<2>
107	IAB XS10.WR.PAR<3>
108	AS10.MB3.WR.ZONE<3>
109	AS10.MB3.WR.ZONE<2>
110	AS10.MB3.WR.PAR<3>
111	AS10.MB3.WR.PAR<2>
112	AS10.MB3.CIL.PAR<4>
113	AS10.MB2.WR.ZONE<3>
114	AS10.MB2.WR.ZONE<2>
115	AS10.MB2.WR.PAR<3>
116	AS10.MB2.WR.PAR<2>
117	AS10.MB2.CIL.PAR<4>
118	AS10.MB1.WR.ZONE<3>
119	AS10.MB1.WR.ZONE<2>
120	AS10.MB1.WR.PAR<3>
121	AS10.MB1.WR.PAR<2>
122	AS10.MB1.CIL.PAR<4>
123	AS10.MB0.WR.ZONE<3>
124	AS10.MB0.WR.ZONE<2>
125	AS10.MB0.WR.PAR<3>
126	AS10.MB0.WR.PAR<2>
127	AS10.MB0.CIL.PAR<4>
128	IAB XS10.WR.DATAc<3>
129	IAB XS10.WR.DATAc<2>
130	IAB XS10.WR.DATAc<1>
131	IAB XS10.MB3.WR.DATAc<25>
132	AS10.MB3.WR.DATAc<24>
133	AS10.MB3.WR.DATAc<17>
134	AS10.MB3.WR.DATAc<16>
135	AS10.MB3.WR.DATAc<28>
136	AS10.MB3.WR.DATAc<27>
137	AS10.MB3.WR.DATAc<26>
138	AS10.MB2.WR.DATAc<25>
139	AS10.MB2.WR.DATAc<24>
140	AS10.MB2.WR.DATAc<17>

201	XC XS10.SCAN CTL<1>
202	XS10.XC.SCAN QUI
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204	MB3 XS10.SEND PAR EHH
205	MB1 XS10.SEND PAR EHH
206	IAB XS10.WR.PAR<2>
207	IAB XS10.CIL.PAR<4>
208	SP3 XS10.WR.ZONE<3>
209	SP3 XS10.WR.ZONE<2>
210	SP3 XS10.WR.PAR<3>
211	SP3 XS10.WR.PAR<2>
212	SP3 XS10.CIL.PAR<4>
213	SP2 XS10.WR.ZONE<3>
214	SP2 XS10.WR.ZONE<2>
215	SP2 XS10.WR.PAR<3>
216	SP2 XS10.WR.PAR<2>
217	SP2 XS10.CIL.PAR<4>
218	SP1 XS10.WR.ZONE<3>
219	SP1 XS10.WR.ZONE<2>
220	SP1 XS10.WR.PAR<3>
221	SP1 XS10.WR.PAR<2>
222	SP1 XS10.CIL.PAR<4>
223	SP0 XS10.WR.ZONE<3>
224	SP0 XS10.WR.ZONE<2>
225	SP0 XS10.WR.PAR<3>
226	SP0 XS10.WR.PAR<2>
227	SP0 XS10.CIL.PAR<4>
228	IAB XS10.WR.DATAc<3>
229	IAB XS10.WR.DATAc<2>
230	IAB XS10.WR.DATAc<1>
231	IAB XS10.MB3.WR.DATAc<26>
232	SP3 XS10.WR.DATAc<25>
233	SP3 XS10.WR.DATAc<18>
234	SP3 XS10.WR.DATAc<17>
235	SP3 XS10.WR.DATAc<16>
236	SP3 XS10.WR.DATAc<28>
237	SP3 XS10.WR.DATAc<27>
238	SP3 XS10.WR.DATAc<26>
239	SP2 XS10.WR.DATAc<25>
240	SP2 XS10.WR.DATAc<24>

301	XC XS10.SCAN CTL<0>
302	XC XS10.CONFg LOAD
303	CU XS10.SEND PAR EHH
304	MB4 XS10.SEND PAR EHH
305	MB6 XS10.SEND PAR EHH
306	AS10.CU.WR.ZONE<3>
307	AS10.CU.WR.ZONE<2>
308	SP4 XS10.WR.ZONE<3>
309	SP4 XS10.WR.ZONE<2>
310	SP4 XS10.WR.PAR<3>
311	SP4 XS10.WR.PAR<2>
312	SP4 XS10.CIL.PAR<4>
313	SP5 XS10.WR.ZONE<3>
314	SP5 XS10.WR.ZONE<2>
315	SP5 XS10.WR.PAR<3>
316	SP5 XS10.WR.PAR<2>
317	SP5 XS10.CIL.PAR<4>
318	SP6 XS10.WR.ZONE<3>
319	SP6 XS10.WR.ZONE<2>
320	SP6 XS10.WR.PAR<3>
321	SP6 XS10.WR.PAR<2>
322	SP6 XS10.CIL.PAR<4>
323	SP7 XS10.WR.ZONE<3>
324	SP7 XS10.WR.ZONE<2>
325	SP7 XS10.WR.PAR<3>
326	SP7 XS10.WR.PAR<2>
327	SP7 XS10.CIL.PAR<4>
328	IAB XS10.WR.DATAc<25>
329	AS10.CU.WR.DATAc<24>
330	AS10.CU.WR.DATAc<17>
331	AS10.CU.WR.DATAc<16>
332	SP4 XS10.WR.DATAc<25>
333	SP4 XS10.WR.DATAc<18>
334	SP4 XS10.WR.DATAc<17>
335	SP4 XS10.WR.DATAc<16>
336	SP4 XS10.WR.DATAc<28>
337	SP4 XS10.WR.DATAc<27>
338	SP4 XS10.WR.DATAc<26>
339	SP5 XS10.WR.DATAc<25>
340	SP5 XS10.WR.DATAc<24>

401	XS10.XC.HARD ERROR
402	
403	MB5 XS10.SEND PAR EHH
404	MB7 XS10.SEND PAR EHH
405	AS10.CU.WR.PAR<3>
406	AS10.CU.WR.PAR<2>
407	AS10.CU.CIL.PAR<4>
408	AS10.MB4.WR.ZONE<3>
409	AS10.MB4.WR.ZONE<2>
410	AS10.MB4.WR.PAR<3>
411	AS10.MB4.WR.PAR<2>
412	AS10.MB4.CIL.PAR<4>
413	AS10.MB5.WR.ZONE<3>
414	AS10.MB5.WR.ZONE<2>
415	AS10.MB5.WR.PAR<3>
416	AS10.MB5.WR.PAR<2>
417	AS10.MB5.CIL.PAR<4>
418	AS10.MB6.WR.ZONE<3>
419	AS10.MB6.WR.ZONE<2>
420	AS10.MB6.WR.PAR<3>
421	AS10.MB6.WR.PAR<2>
422	AS10.MB6.CIL.PAR<4>
423	AS10.MB7.WR.ZONE<3>
424	AS10.MB7.WR.ZONE<2>
425	AS10.MB7.WR.PAR<3>
426	AS10.MB7.WR.PAR<2>
427	AS10.MB7.CIL.PAR<4>
428	AS10.CU.WR.DATAc<28>
429	AS10.CU.WR.DATAc<27>
430	AS10.CU.WR.DATAc<26>
431	AS10.MB4.WR.DATAc<25>
432	AS10.MB4.WR.DATAc<24>
433	AS10.MB4.WR.DATAc<17>
434	AS10.MB4.WR.DATAc<16>
435	AS10.MB4.WR.DATAc<28>
436	AS10.MB4.WR.DATAc<27>
437	AS10.MB4.WR.DATAc<26>
438	AS10.MB5.WR.DATAc<25>
439	AS10.MB5.WR.DATAc<24>
440	AS10.MB5.WR.DATAc<17>

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TITLE: XBP XBAR SEND BOARD 1	ABBR: XBP
DRAWING: 411-000252-300A Rev 0.0	ENGR: GOLEMBIESKI
REVISED: Wed Mar 28 17:32:15 1990	PAGE: 35

8 7 6 5 4 3 2 1

AUGAT-NGC-960
BACKPLANE VERSION
 960 SIGNALS + 240 GROUNDS IN 6 SECTIONS
 XCL 1P
 BOARD=XCL

NEAREST TO NCU
 TOP
 J6
 J5
 J4
 J3
 J2
 J1
 BOTTOM

NOTE: CHANGE THE NUMBER BELOW TO CORRESPOND TO DESIRED CONNECTOR SECTION (1=J1, 2=J2, ETC.). THE GED 'SECTION' COMMAND WILL NOT WORK.

SEC=1

GROUND ALL PINS ON THIS ROW!

SECG
 SCAN CONTROL
 SIGNALS

POWER PALETTE
 AND
 CLOCK SIGNALS

101	XC XS1E SCAN CTL<2>
102	XC MB2 SCAN CTL<1>
103	XC MB1 SCAN CTL<1>
104	XC VP1 SCAN CTL<1>
105	XC SP1 SCAN CTL<1>
106	XC VP0 SCAN CTL<1>
107	XC SP0 SCAN CTL<1>
108	XC MB0 SCAN CTL<1>
109	XC XBE SCAN CTL<1>
110	XC XST1E SCAN CTL<1>
111	XC SP2 SCAN CTL<0>
112	XC MB2 SCAN CTL<0>
113	XC MB1 SCAN CTL<0>
114	XC VP1 SCAN CTL<0>
115	XC SP1 SCAN CTL<0>
116	XC VP0 SCAN CTL<0>
117	XC MB0 SCAN CTL<0>
118	XC XBE SCAN CTL<0>
119	XC XST1E SCAN CTL<0>
120	XC SP7 SPARE3
121	XC SP7 SPARE4
122	XC SP7 SPARE5
123	XC SP7 SPARE6
124	XC SP0 SPARE3
125	XC SP0 SPARE2
126	
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134	XC XPC BDTYPE<7>
135	XPC XC SPI GND
136	XPC XC OVERTEMP GND
137	XC XPC CLKLEDON
138	XC XPC CLKLEDCLR
139	XC XPC BDTYPE<3>
140	CU XC CLOCK 1X

201	XC BP SCAN CTL<2>
202	XC IA8 SCAN CTL<1>
203	XC MB3 SCAN CTL<1>
204	XC MB3 SCAN CTL<1>
205	XC VP3 SCAN CTL<1>
206	XC SP3 SCAN CTL<1>
207	XC VP2 SCAN CTL<1>
208	XC SP2 SCAN CTL<1>
209	XC XBE SCAN CTL<1>
210	XC BP SCAN CTL<1>
211	XC CU SCAN CTL<0>
212	
213	XC IA8 SCAN CTL<0>
214	XC MB3 SCAN CTL<0>
215	XC MB3 SCAN CTL<0>
216	XC VP3 SCAN CTL<0>
217	XC SP3 SCAN CTL<0>
218	XC VP2 SCAN CTL<0>
219	XC XBE SCAN CTL<0>
220	XC SP7 SPARE1
221	XC SP7 SPARE2
222	XC SP7 SPARE3
223	XC SP7 SPARE4
224	XC SP0 SPARE1
225	XC SP0 SPARE0
226	
227	
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233	
234	XC XPC BDTYPE<6>
235	XPC BP SPI OUT
236	XPC XC BDTYPE GND
237	XC XPC CLKLEDON
238	XC XPC CLKLEDCLR
239	XC XPC BDTYPE<2>
240	CU XC CLOCK 1X

301	XC CU SCAN CTL<1>
302	XC HS0 SCAN CTL<1>
303	XC MB4 SCAN CTL<1>
304	XC SP4 SCAN CTL<1>
305	XC VP4 SCAN CTL<1>
306	XC SP5 SCAN CTL<1>
307	XC XSD0 SCAN CTL<1>
308	XC XST0 SCAN CTL<1>
309	XC SP5 SPARE3
310	XC SP6 SPARE2
311	XC SP6 SPARE1
312	XC SP6 SPARE0
313	XC HS0 SCAN CTL<0>
314	XC MB4 SCAN CTL<0>
315	XC SP4 SCAN CTL<0>
316	XC VP4 SCAN CTL<0>
317	XC SP5 SCAN CTL<0>
318	XC BP SCAN CTL<0>
319	XC XSD0 SCAN CTL<0>
320	XC SP7 SPARE3
321	XC SP7 SPARE2
322	
323	
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334	XC XPC BDTYPE<5>
335	BP XPC SPI IN
336	XPC XC OVERTEMP
337	XPC XC OVERTEMP VCC
338	XPC XC SPI CLK
339	XC XPC BDTYPE<1>
340	CU XC CLOCK 1XFH

401	XC VP5 SCAN CTL<1>
402	XC MB5 SCAN CTL<1>
403	XC MB5 SCAN CTL<1>
404	XC SP6 SCAN CTL<1>
405	XC VP6 SCAN CTL<1>
406	XC SP7 SCAN CTL<1>
407	XC VP7 SCAN CTL<1>
408	XC MB7 SCAN CTL<1>
409	XC XRO SCAN CTL<1>
410	XC VP5 SCAN CTL<0>
411	XC MB5 SCAN CTL<0>
412	XC MB5 SCAN CTL<0>
413	XC SP6 SCAN CTL<0>
414	XC VP6 SCAN CTL<0>
415	XC SP7 SCAN CTL<0>
416	XC VP7 SCAN CTL<0>
417	XC MB7 SCAN CTL<0>
418	XC XRO SCAN CTL<0>
419	XC XRO SCAN CTL<0>
420	XC SP7 SPARE1
421	XC SP7 SPARE0
422	
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426	
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428	
429	
430	
431	
432	
433	
434	XC XPC BDTYPE<4>
435	XPC XC SPI VCC
436	XPC XC OVERTEMP VCC
437	XPC XC OVERTEMP VCC
438	XPC XC SPI CLK
439	XC XPC BDTYPE<0>
440	CU XC CLOCK 1XFH

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GND/G

CLOSEST TO BAY 0
 EVEN XBAR BOARDS

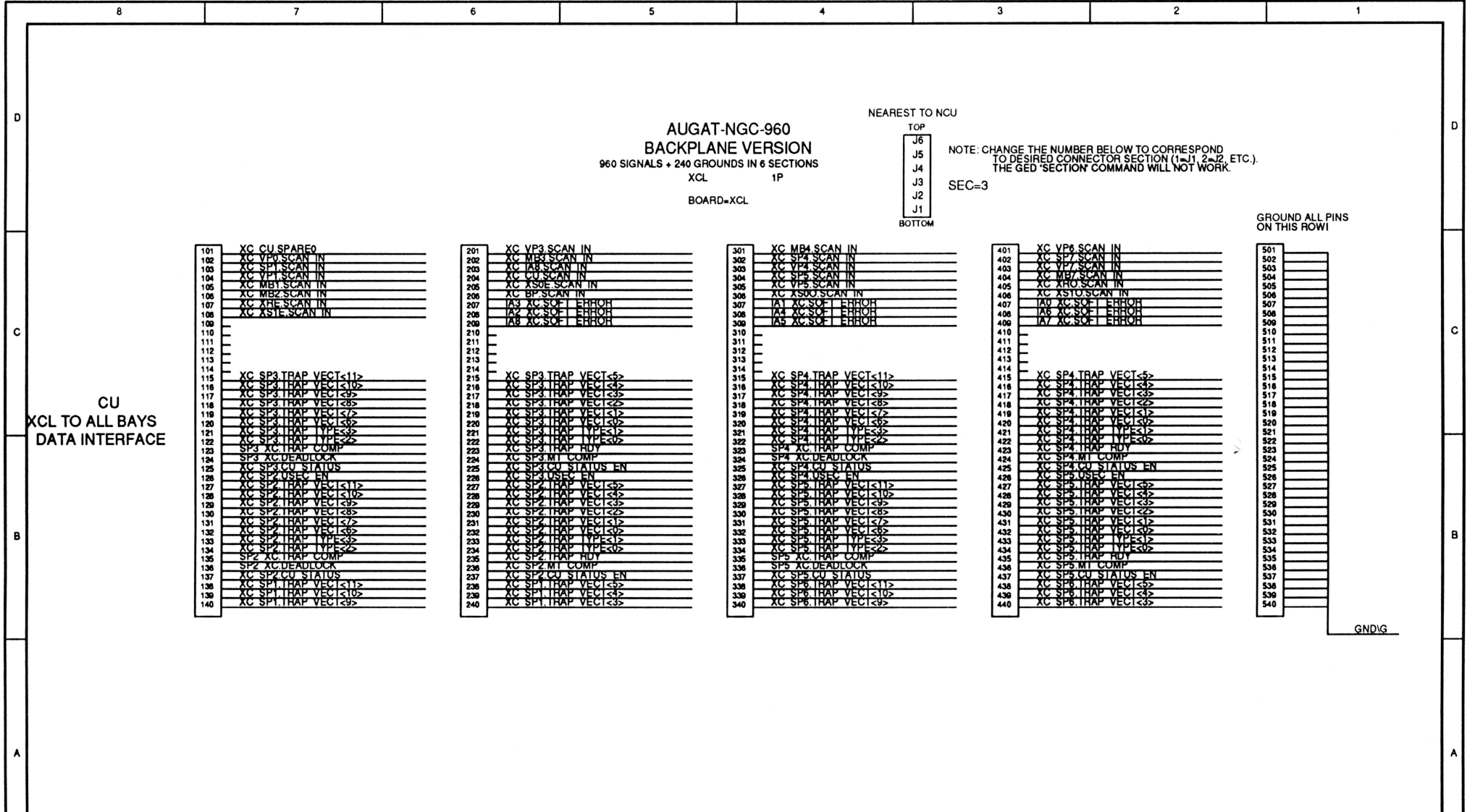
CLOSEST TO BAY 4
 ODD XBAR BOARDS

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TITLE: XBP	ABBR: XBP
DRAWING: 411-000252-300A Rev 0.0	ENGR: GOLEMBESKI
REVISED: Wed Mar 28 17:35:38 1990	PAGE: 36

8 7 6 5 4 3 2 1



CLOSEST TO BAY 0
EVEN XBAR BOARDS

CLOSEST TO BAY 4
ODD XBAR BOARDS

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TITLE: XBP
DRAWING: 411-000252-300A Rev 0.0
REVISED: Wed Mar 28 17:42:18 1990

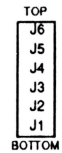
ABBR: XBP
ENGR: GOLENBIESKI

PAGE: 38

8 7 6 5 4 3 2 1

AUGAT-NGC-960
 BACKPLANE VERSION
 960 SIGNALS + 240 GROUNDS IN 6 SECTIONS
 XCL 1P
 BOARD=XCL

NEAREST TO NCU



NOTE: CHANGE THE NUMBER BELOW TO CORRESPOND TO DESIRED CONNECTOR SECTION (1=J1, 2=J2, ETC.). THE GED 'SECTION' COMMAND WILL NOT WORK.

SEC=4

GROUND ALL PINS ON THIS ROW!

101	XC IA1.CCU RBE<1>
102	XC IA1.CCU RBE<2>
103	XC IA2.CCU RBE<3>
104	XC IA2.CCU RBE<2>
105	
106	XC IA1.SLOG ENA
107	XC IA0.SLOG ENA
108	
109	
110	XC IA1.CCU CNTRL ENA
111	XC IA0.CCU CNTRL ENA
112	
113	XC IA1.CCU CLEAR
114	XC IA0.CCU CLEAR
115	XC IA1.CLOCK SYNC
116	XC IA0.CLOCK SYNC
117	XC MB1.SYS RUN
118	XC MB0.SYS RUN
119	XC MB1.LOG RUN
120	XC MB0.LOG RUN
121	XC MB1.HAM FRESH
122	XC MB0.HAM FRESH
123	MB0 XC.SOF1 ERROR
124	MB1 XC.SOF1 ERROR
125	XC XSOE.HIF REQ
126	SP0 XC.SIOP CNTRL
127	SP1 XC.SIOP CNTRL
128	XC XSTE.CONFIG LOAD
129	MB0 XC.SCAN OUT
130	SP0 XC.SCAN OUT
131	VP0 XC.SCAN OUT
132	SP1 XC.SCAN OUT
133	VP1 XC.SCAN OUT
134	MB1 XC.SCAN OUT
135	MB2 XC.SCAN OUT
136	SP2 XC.SCAN OUT
137	XHE XC.SCAN OUT
138	XSE XC.SCAN OUT
139	XC MB1.SCAN IN
140	XC SP0.SCAN IN

201	XC IA3.CCU RBE<3>
202	XC IA3.CCU RBE<2>
203	XC IA3.CCU RBE<1>
204	XC IA3.CCU RBE<2>
205	
206	XC IA3.SLOG ENA
207	XC IA2.SLOG ENA
208	
209	
210	XC IA3.CCU CNTRL ENA
211	XC IA2.CCU CNTRL ENA
212	
213	XC IA3.CCU CLEAR
214	XC IA2.CCU CLEAR
215	XC IA3.CLOCK SYNC
216	XC IA2.CLOCK SYNC
217	XC MB3.SYS RUN
218	XC MB2.SYS RUN
219	XC MB3.LOG RUN
220	XC MB2.LOG RUN
221	XC MB3.HAM FRESH
222	XC MB2.HAM FRESH
223	MB3 XC.SOF1 ERROR
224	MB2 XC.SOF1 ERROR
225	XC XSOE.HIF REQ
226	SP2 XC.SIOP CNTRL
227	SP3 XC.SIOP CNTRL
228	XC XSTE.CONFIG LOAD
229	VP2 XC.SCAN OUT
230	SP3 XC.SCAN OUT
231	VP3 XC.SCAN OUT
232	MB3 XC.SCAN OUT
233	IA3 XC.SCAN OUT
234	CU XC.SCAN OUT
235	HSC XC.SCAN OUT
236	XSOE XC.SCAN OUT
237	XC IAB.SPARE0
238	XC SP2.SCAN IN
239	XC VP2.SCAN IN
240	XC SP3.SCAN IN

301	XC IA5.CCU RBE<3>
302	XC IA5.CCU RBE<2>
303	XC IA5.CCU RBE<1>
304	XC IA5.CCU RBE<2>
305	
306	XC IA4.SLOG ENA
307	XC IA5.SLOG ENA
308	XC IAB.CLOCK SYNC
309	
310	XC IA4.CCU CNTRL ENA
311	XC IA5.CCU CNTRL ENA
312	XC IAB.CCU CLEAR
313	XC IA5.CCU CLEAR
314	XC IA4.CLOCK SYNC
315	XC IA5.CLOCK SYNC
316	XC IA5.CLOCK SYNC
317	XC MB4.SYS RUN
318	XC MB5.SYS RUN
319	XC MB4.LOG RUN
320	XC MB5.LOG RUN
321	XC MB4.HAM FRESH
322	XC MB5.HAM FRESH
323	MB4 XC.SOF1 ERROR
324	MB5 XC.SOF1 ERROR
325	SP4 XC.SIOP CNTRL
326	SP5 XC.SIOP CNTRL
327	XC XSOE.CONFIG LOAD
328	XC XSOE.CONFIG LOAD
329	MB4 XC.SCAN OUT
330	SP4 XC.SCAN OUT
331	VP4 XC.SCAN OUT
332	SP5 XC.SCAN OUT
333	VP5 XC.SCAN OUT
334	IP XC.SCAN OUT
335	XSOO XC.SCAN OUT
336	XC IAB.SPARE1
337	XC CU.SPARE3
338	XC CU.SPARE2
339	XC CU.SPARE1
340	XC HSC.SCAN IN

401	XC IA7.CCU RBE<3>
402	XC IA7.CCU RBE<2>
403	XC IA7.CCU RBE<1>
404	XC IA7.CCU RBE<2>
405	
406	XC IA6.SLOG ENA
407	XC IA7.SLOG ENA
408	XC IAB.SLOG ENA
409	
410	XC IA6.CCU CNTRL ENA
411	XC IA7.CCU CNTRL ENA
412	XC IAB.CCU CNTRL ENA
413	XC IA6.CCU CLEAR
414	XC IA7.CCU CLEAR
415	XC IA6.CLOCK SYNC
416	XC IA7.CLOCK SYNC
417	XC MB6.SYS RUN
418	XC MB7.SYS RUN
419	XC MB6.LOG RUN
420	XC MB7.LOG RUN
421	XC MB6.HAM FRESH
422	XC MB7.HAM FRESH
423	MB6 XC.SOF1 ERROR
424	MB7 XC.SOF1 ERROR
425	SP6 XC.SIOP CNTRL
426	SP7 XC.SIOP CNTRL
427	XC XSTE.CONFIG LOAD
428	XC XRO.CONFIG LOAD
429	MB6 XC.SCAN OUT
430	MB5 XC.SCAN OUT
431	SP6 XC.SCAN OUT
432	VP6 XC.SCAN OUT
433	SP7 XC.SCAN OUT
434	VP7 XC.SCAN OUT
435	MB7 XC.SCAN OUT
436	XSTO XC.SCAN OUT
437	XHO XC.SCAN OUT
438	XC MB5.SCAN IN
439	XC MB6.SCAN IN
440	XC SP6.SCAN IN

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CLOSEST TO BAY 0
 EVEN XBAR BOARDS

CLOSEST TO BAY 4
 ODD XBAR BOARDS

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TITLE: XBP
 DRAWING: 411-000252-300A Rev 0.0

ABBR: XBP
 ENGR: GOLENBIESKI

REVISED: Wed Mar 28 17:45:01 1990

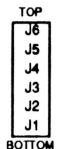
PAGE: 39

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8 7 6 5 4 3 2 1

AUGAT-NGC-960
BACKPLANE VERSION
 960 SIGNALS + 240 GNDPINS IN 6 SECTIONS
 XCL 1P
 BOARD=XCL

NEAREST TO NCU



NOTE: CHANGE THE NUMBER BELOW TO CORRESPOND TO DESIRED CONNECTOR SECTION (1=J1, 2=J2, ETC.). THE GED SECTION COMMAND WILL NOT WORK.

SEC=5

GROUND ALL PINS ON THIS ROW!

SECG
NCU TO XCL
DATA INTERFACE

CU LOGIC
NCU TO XCL
DATA INTERFACE

SECG
XCL TO ALL BAYS
DATA INTERFACE

101	CU XC XCL ADDR<4>
102	CU XC XCL ADDR<3>
103	CU XC XCL ADDR<2>
104	CU XC NMB HBE<13>
105	CU XC NMB HBE<14>
106	CU XC NMB HBE<13>
107	CU XC NMB HBE<12>
108	CU XC NMB HBE<11>
109	CU XC NMB HBE<10>
110	CU XC NMB HBE<9>
111	CU XC NMB HBE<8>
112	CU XC IHAP HDY8
113	CU XC IHAP HDY7
114	CU XC IHAP HDY6
115	CU XC IHAP HDY5
116	CU XC IHAP HDY4
117	CU XC IHAP HDY3
118	CU XC IHAP HDY2
119	CU XC IHAP HDY1
120	CU XC IHAP HDY0
121	XC CU USEC EN
122	XC CU DEADLOCK7
123	XC CU DEADLOCK6
124	XC CU DEADLOCK5
125	XC CU DEADLOCK4
126	XC IAB CCU HBE<7>
127	XC IAB CCU HBE<6>
128	XC IAB TRAP VEC1<7>
129	XC IAB TRAP VEC1<6>
130	
131	
132	XC IA2 RESET
133	XC IA1 RESET
134	
135	XC IAB CCU HBE<3>
136	XC IAB CCU HBE<2>
137	XC IAB CCU HBE<1>
138	XC IAB CCU HBE<0>
139	XC IAB CCU HBE<0>
140	XC IAB CCU HBE<2>

201	CU XC XCL ADDR<0>
202	CU XC XCL WRITE HL
203	CU XC XCL WRITE TL
204	CU XC NMB HBE<7>
205	CU XC NMB HBE<6>
206	CU XC NMB HBE<5>
207	CU XC NMB HBE<4>
208	CU XC NMB HBE<3>
209	CU XC NMB HBE<2>
210	CU XC NMB HBE<1>
211	CU XC NMB HBE<0>
212	CU XC STATUS PSEL<3>
213	CU XC STATUS PSEL<2>
214	CU XC STATUS PSEL<1>
215	CU XC STATUS PSEL<0>
216	CU XC MT SEL<3>
217	CU XC MT SEL<2>
218	CU XC MT SEL<1>
219	CU XC MT SEL<0>
220	XC CU STATUS EN
221	XC CU DEADLOCK3
222	XC CU DEADLOCK2
223	XC CU DEADLOCK1
224	XC CU DEADLOCK0
225	XC CU IHAP COMP8
226	XC IAB CCU HBE<5>
227	XC IAB CCU HBE<4>
228	XC IAB TRAP VEC1<4>
229	XC IAB TRAP VEC1<3>
230	XC IAB TRAP VEC1<2>
231	XC IAB TRAP VEC1<1>
232	XC IAB TRAP VEC1<0>
233	
234	
235	XC IA0 RESET
236	XC IA3 RESET
237	XC IAB CCU HBE<1>
238	XC IAB CCU HBE<0>
239	XC IAB CCU HBE<0>
240	XC IAB CCU HBE<0>

301	CU XC XBAR HBE<5>
302	CU XC XBAR HBE<3>
303	CU XC XBAR HBE<2>
304	CU XC XBAR HBE<1>
305	CU XC XBAR HBE<0>
306	CU XC XBAR HBE<0>
307	CU XC SCAN C11<2>
308	CU XC SCAN C11<1>
309	CU XC SCAN C11<0>
310	CU XC LOG SCAN
311	CU XC NIA LOG SCAN
312	CU XC IHAP VEC1<11>
313	CU XC IHAP VEC1<10>
314	CU XC IHAP VEC1<9>
315	CU XC IHAP VEC1<8>
316	CU XC IHAP VEC1<7>
317	CU XC IHAP VEC1<6>
318	CU XC IHAP VEC1<5>
319	CU XC IHAP VEC1<4>
320	CU XC IHAP VEC1<3>
321	XC CU IHAP COMP7
322	XC CU IHAP COMP6
323	XC CU IHAP COMP5
324	XC CU IHAP COMP4
325	XC CU IHAP COMP3
326	XC IAB CCU HBE<3>
327	XC IAB CCU HBE<2>
328	XC IAB TRAP TYPE<3>
329	XC IAB TRAP TYPE<2>
330	XC IAB TRAP TYPE<1>
331	XC IAB TRAP TYPE<0>
332	XC IAB TRAP HDY
333	
334	
335	XC IA4 RESET
336	XC IA5 RESET
337	XC IAB CCU HBE<3>
338	XC IAB CCU HBE<2>
339	XC IAB CCU HBE<1>
340	XC IAB CCU HBE<0>

401	CU XC NIA CCU CLEAR<8>
402	CU XC NIA CCU CLEAR<7>
403	CU XC NIA CCU CLEAR<6>
404	CU XC NIA CCU CLEAR<5>
405	CU XC NIA CCU CLEAR<4>
406	CU XC NIA CCU CLEAR<3>
407	CU XC NIA CCU CLEAR<2>
408	CU XC NIA CCU CLEAR<1>
409	CU XC NIA CCU CLEAR<0>
410	CU XC MASTER S0
411	CU XC TRAP TYPE<3>
412	CU XC TRAP TYPE<2>
413	CU XC TRAP TYPE<1>
414	CU XC TRAP TYPE<0>
415	CU XC STATUS
416	CU XC MT COMP
417	CU XC TRAP VEC1<2>
418	CU XC TRAP VEC1<1>
419	CU XC TRAP VEC1<0>
420	XC CU IHAP COMP2
421	XC CU IHAP COMP1
422	XC CU IHAP COMP0
423	XC CU USEC EN
424	XC IAB SFR1E2
425	XC IAB RESET
426	XC IAB CCU HBE<1>
427	XC IAB CCU HBE<0>
428	XC IAB TRAP VEC1<5>
429	XC IAB CU STATUS
430	XC IAB CU STATUS EN
431	
432	IAB XC TRAP COMP
433	
434	
435	XC IA6 RESET
436	XC IA7 RESET
437	XC IAB CCU HBE<3>
438	XC IAB CCU HBE<2>
439	XC IAB CCU HBE<1>
440	XC IAB CCU HBE<0>

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CLOSEST TO BAY 0
EVEN XBAR BOARDS

CLOSEST TO BAY 4
ODD XBAR BOARDS

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TITLE: XBP
DRAWING: 411-000252-300A Rev 0.0
REVISED: Wed Mar 28 17:21:20 1990

ABBR: XBP
ENGR: GOLENBESKI

PAGE: 40

8 7 6 3 2 1

8 7 6 5 4 3 2 1

AUGAT-NGC-960
BACKPLANE VERSION
960 SIGNALS + 240 GROUNDS IN 6 SECTIONS
XCL 1P
BOARD=XCL

NEAREST TO NCU

TOP
J6
J5
J4
J3
J2
J1
BOTTOM

NOTE: CHANGE THE NUMBER BELOW TO CORRESPOND TO DESIRED CONNECTOR SECTION (1-11, 2-12, ETC.). THE GED 'SECTION' COMMAND WILL NOT WORK.
SEC=6

GROUND ALL PINS ON THIS ROW!

6 SPARES

101	BP XC SCAN CTL<2>
102	BP XC SCAN IN
103	CU XC XCL DATA IN<31>
104	CU XC XCL DATA IN<30>
105	CU XC XCL DATA IN<29>
106	CU XC XCL DATA IN<28>
107	CU XC XCL DATA IN<27>
108	CU XC XCL DATA IN<26>
109	CU XC XCL DATA IN<25>
110	CU XC XCL DATA IN<24>
111	CU XC XCL DATA IN<23>
112	CU XC XCL DATA IN<22>
113	CU XC XCL DATA IN<21>
114	CU XC XCL DATA IN<20>
115	CU XC XCL DATA IN<19>
116	CU XC XCL DATA IN<18>
117	CU XC XCL DATA IN<17>
118	CU XC XCL DATA IN<16>
119	CU XC XCL DATA IN<15>
120	CU XC XCL DATA IN<14>
121	CU XC XCL DATA IN<13>
122	CU XC XCL DATA IN<12>
123	CU XC XCL DATA IN<11>
124	CU XC XCL DATA IN<10>
125	CU XC XCL DATA IN<9>
126	CU XC XCL DATA IN<8>
127	CU XC XCL DATA IN<7>
128	CU XC XCL DATA IN<6>
129	CU XC XCL DATA IN<5>
130	CU XC XCL DATA IN<4>
131	CU XC XCL DATA IN<3>
132	CU XC XCL DATA IN<2>
133	CU XC XCL DATA IN<1>
134	CU XC XCL DATA IN<0>
135	CU XC XCL DATA IN<0>
136	CU XC XCL DATA IN<0>
137	CU XC XCL DATA IN<0>
138	CU XC XCL DATA IN<0>
139	CU XC XCL DATA IN<0>
140	CU XC XCL ADDR<5>

201	BP XC SCAN CTL<1>
202	XC BP SCAN OUT
203	XC CU XCL DATA<31>
204	XC CU XCL DATA<30>
205	XC CU XCL DATA<29>
206	XC CU XCL DATA<28>
207	XC CU XCL DATA<27>
208	XC CU XCL DATA<26>
209	XC CU XCL DATA<25>
210	XC CU XCL DATA<24>
211	XC CU XCL DATA<23>
212	XC CU XCL DATA<22>
213	XC CU XCL DATA<21>
214	XC CU XCL DATA<20>
215	XC CU XCL DATA<19>
216	XC CU XCL DATA<18>
217	XC CU XCL DATA<17>
218	XC CU XCL DATA<16>
219	XC CU XCL DATA<15>
220	XC CU XCL DATA<14>
221	XC CU XCL DATA<13>
222	XC CU XCL DATA<12>
223	XC CU XCL DATA<11>
224	XC CU XCL DATA<10>
225	XC CU XCL DATA<9>
226	XC CU XCL DATA<8>
227	XC CU XCL DATA<7>
228	XC CU XCL DATA<6>
229	XC CU XCL DATA<5>
230	XC CU XCL DATA<4>
231	XC CU XCL DATA<3>
232	XC CU XCL DATA<2>
233	XC CU XCL DATA<1>
234	XC CU XCL DATA<0>
235	XC CU XCL DATA<0>
236	XC CU XCL DATA<0>
237	XC CU XCL DATA<0>
238	XC CU XCL DATA<0>
239	XC CU XCL DATA<0>
240	CU XC XCL ADDR<1>

301	BP XC SCAN CTL<0>
302	XC TAB SPARE 3
303	CU XC NIA RESET
304	CU XC NIA CCU HBE<39>
305	CU XC NIA CCU HBE<38>
306	CU XC NIA CCU HBE<37>
307	CU XC NIA CCU HBE<36>
308	CU XC NIA CCU HBE<35>
309	CU XC NIA CCU HBE<34>
310	CU XC NIA CCU HBE<33>
311	CU XC NIA CCU HBE<32>
312	CU XC NIA CCU HBE<31>
313	CU XC NIA CCU HBE<30>
314	CU XC NIA CCU HBE<29>
315	CU XC NIA CCU HBE<28>
316	CU XC NIA CCU HBE<27>
317	CU XC NIA CCU HBE<26>
318	CU XC NIA CCU HBE<25>
319	CU XC NIA CCU HBE<24>
320	CU XC NIA CCU HBE<23>
321	CU XC NIA CCU HBE<22>
322	CU XC NIA CCU HBE<21>
323	CU XC NIA CCU HBE<20>
324	CU XC XBAR REFRESH
325	CU XC NMB REFRESH
326	CU XC XCL LOOPBACK
327	CU XC REFRESH
328	CU XC SCAN WR DAT
329	XC CU SCAN RD DAT
330	XC CU XCL PAR EHR
331	CU XC XCL ADDR PAR
332	CU XC NIA CCU CNTRL ENA<8>
333	CU XC NIA CCU CNTRL ENA<7>
334	CU XC NIA CCU CNTRL ENA<6>
335	CU XC NIA CCU CNTRL ENA<5>
336	CU XC NIA CCU CNTRL ENA<4>
337	CU XC NIA CCU CNTRL ENA<3>
338	CU XC NIA CCU CNTRL ENA<2>
339	CU XC NIA CCU CNTRL ENA<1>
340	CU XC NIA CCU CNTRL ENA<0>

401	XC BP HARD ERROR
402	XC CU NIA SOFT EHR
403	CU XC NIA SLOG EHR
404	CU XC NIA CCU HBE<18>
405	CU XC NIA CCU HBE<17>
406	CU XC NIA CCU HBE<16>
407	CU XC NIA CCU HBE<15>
408	CU XC NIA CCU HBE<14>
409	CU XC NIA CCU HBE<13>
410	CU XC NIA CCU HBE<12>
411	CU XC NIA CCU HBE<11>
412	CU XC NIA CCU HBE<10>
413	CU XC NIA CCU HBE<9>
414	CU XC NIA CCU HBE<8>
415	CU XC NIA CCU HBE<7>
416	CU XC NIA CCU HBE<6>
417	CU XC NIA CCU HBE<5>
418	CU XC NIA CCU HBE<4>
419	CU XC NIA CCU HBE<3>
420	CU XC NIA CCU HBE<2>
421	CU XC NIA CCU HBE<1>
422	CU XC NIA CCU HBE<0>
423	CU XC NIA CCU HBE<0>
424	XC CU SCALAR HALT
425	XC CU HARD EHR
426	CU XC XCL MUX CTL<2>
427	CU XC XCL MUX CTL<1>
428	CU XC XCL MUX CTL<0>
429	CU XC XCL MUX CTL<0>
430	CU XC XCL MUX CTL<0>
431	CU XC XCL MUX CTL<0>
432	CU XC NIA SLOG ENA<8>
433	CU XC NIA SLOG ENA<7>
434	CU XC NIA SLOG ENA<6>
435	CU XC NIA SLOG ENA<5>
436	CU XC NIA SLOG ENA<4>
437	CU XC NIA SLOG ENA<3>
438	CU XC NIA SLOG ENA<2>
439	CU XC NIA SLOG ENA<1>
440	CU XC NIA SLOG ENA<0>

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GN'D/G

CLOSEST TO BAY 0
EVEN XBAR BOARDS

CLOSEST TO BAY 4
ODD XBAR BOARDS

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TITLE: XBP
DRAWING: 411-000252-300A Rev 0.0
REVISED: Wed Mar 28 17:22:40 1990

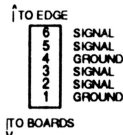
ABBR: XBP
ENGR: GOLENBIESKI

PAGE: 41

8 7 6 5 4 3 2 1

8 7 6 5 4 3 2 1

DUPONT-204
XBAR BACKPLANE TYPE
J01 1P



GROUND ALL PINS
ON THESE TWO ROWS!

201	XRE SPO RD PAR<3>
202	XRE SPO RD PAR<2>
203	XRE SPO RD DATA<25>
204	XRE SPO RD DATA<24>
205	XRE SPO RD DATA<17>
206	XRE SPO RD DATA<16>
207	SPO XSOE ADDR<28>
208	SPO XSOE ADDR<27>
209	SPO XSOE ADDR<26>
210	SPO XSOE ADDR<25>
211	SPO XSOE ADDR<24>
212	SPO XSOE ADDR<23>
213	SPO XSOE ADDR<22>
214	SPO XSTIE WR ZONE<3>
215	SPO XSTIE WR ZONE<2>
216	SPO XSTIE WR PAR<3>
217	SPO XSTIE WR PAR<2>
218	SPO XSTIE CIL PAR<4>
219	SPO XSTIE SPARE1
220	SPO XSTIE SPARE0
221	SPO XSOE SPARE1
222	SPO XSOE SPARE0
223	XRE SPO SPARE1
224	XRE SPO SPARE0
225	XC SPO SPARE1
226	XC SPO SPARE0
227	MB0 XRE SPARE1
228	MB0 XRE SPARE0
229	XSOE MB0 SPARE1
230	XSOE MB0 SPARE0
231	AS1E MB0 SPARE1
232	AS1E MB0 SPARE0
233	MB0 XSTIE SEND PAR ERR
234	XSTIE MB0 WR ZONE<3>
235	XSTIE MB0 WR ZONE<2>
236	AS1E MB0 WR PAR<3>
237	AS1E MB0 WR PAR<2>
238	AS1E MB0 CIL PAR<4>
239	ASO0 MB0 ADDR<28>
240	ASO0 MB0 ADDR<27>
241	ASO0 MB0 ADDR<26>
242	ASO0 MB0 ADDR<25>
243	ASO0 MB0 ADDR<24>
244	ASO0 MB0 ADDR<23>
245	ASO0 MB0 ADDR<22>
246	MB0 XRE HD PAR<3>
247	MB0 XRE HD PAR<2>
248	MB0 XRE HD DATA<25>
249	MB0 XRE HD DATA<24>
250	MB0 XRE HD DATA<17>
251	MB0 XRE HD DATA<16>

301	XRO SPO RD PAR<3>
302	XRO SPO RD PAR<2>
303	XRO SPO RD DATA<25>
304	XRO SPO RD DATA<24>
305	XRO SPO RD DATA<17>
306	XRO SPO RD DATA<16>
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308	SPO XSOE ADDR<27>
309	SPO XSOE ADDR<26>
310	SPO XSOE ADDR<25>
311	SPO XSOE ADDR<24>
312	SPO XSOE ADDR<23>
313	SPO XSOE ADDR<22>
314	SPO XSTIO WR ZONE<3>
315	SPO XSTIO WR ZONE<2>
316	SPO XSTIO WR PAR<3>
317	SPO XSTIO WR PAR<2>
318	SPO XSTIO CIL PAR<4>
319	SPO XSTIO SPARE1
320	SPO XSTIO SPARE0
321	SPO XSOE SPARE1
322	SPO XSOE SPARE0
323	XRO SPO SPARE1
324	XRO SPO SPARE0
325	XC SPO SPARE1
326	XC SPO SPARE0
327	MB0 XRO SPARE1
328	MB0 XRO SPARE0
329	XSOE MB0 SPARE1
330	XSOE MB0 SPARE0
331	AS1O MB0 SPARE1
332	AS1O MB0 SPARE0
333	MB0 XSTIO SEND PAR ERR
334	XSTIO MB0 WR ZONE<3>
335	XSTIO MB0 WR ZONE<2>
336	AS1O MB0 WR PAR<3>
337	AS1O MB0 WR PAR<2>
338	AS1O MB0 CIL PAR<4>
339	ASO0 MB0 ADDR<28>
340	ASO0 MB0 ADDR<27>
341	ASO0 MB0 ADDR<26>
342	ASO0 MB0 ADDR<25>
343	ASO0 MB0 ADDR<24>
344	ASO0 MB0 ADDR<23>
345	ASO0 MB0 ADDR<22>
346	MB0 XRO HD PAR<3>
347	MB0 XRO HD PAR<2>
348	MB0 XRO HD DATA<25>
349	MB0 XRO HD DATA<24>
350	MB0 XRO HD DATA<17>
351	MB0 XRO HD DATA<16>

501	BP BP PORTID 0<3>
502	BP BP PORTID 0<2>
503	
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507	SPO XRE HIN PAR ERR
508	XRE SPO RD DATA<25>
509	XRE SPO RD DATA<24>
510	XRE SPO RD DATA<17>
511	XRE SPO RD DATA<16>
512	XRE SPO RD DATA<2>
513	XRE SPO RD PAR<12>
514	XRE SPO RD PAR<11>
515	XRE SPO RD HDY
516	SPO XSTIE WR PAR<3>
517	SPO XSTIE WR PAR<2>
518	SPO XSTIE WR PAR<2>
519	SPO XSTIE WR ZONE<1>
520	SPO XSTIE WR ZONE<0>
521	XC SPO SCAN CIL<12>
522	XC SPO SCAN CIL<11>
523	MB0 XRE HD DATA<25>
524	MB0 XRE HD DATA<24>
525	MB0 XRE HD DATA<17>
526	MB0 XRE HD DATA<16>
527	MB0 XRE HD DATA<10>
528	MB0 XRE HD DATA<9>
529	MB0 XRE HD DATA<3>
530	MB0 XRE HD DATA<2>
531	XC MB0 SCAN CIL<12>
532	XC MB0 SCAN CIL<11>
533	AS1E MB0 WR DATA<10>
534	XSTIE MB0 WR DATA<9>
535	XSTIE MB0 WR DATA<3>
536	XSTIE MB0 WR DATA<2>
537	AS1E MB0 WR DATA<9>
538	AS1E MB0 WR DATA<8>
539	AS1E MB0 WR DATA<1>
540	AS1E MB0 WR DATA<0>
541	AS1E MB0 WR PAR<12>
542	AS1E MB0 WR PAR<11>
543	AS1E MB0 WR ZONE<1>
544	AS1E MB0 WR ZONE<0>
545	MB0 XRE HD DATA<25>
546	MB0 XRE HD DATA<24>
547	MB0 XRE HD DATA<17>
548	MB0 XRE HD DATA<16>
549	MB0 XRE HD PAR<12>
550	MB0 XRE HD PAR<11>
551	MB0 XRE HD HDY

601	BP BP PORTID 0<1>
602	BP BP PORTID 0<0>
603	XC PARHSET
604	XC XC SFT1 ERROH
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607	XC VPO SCAN CIL<25>
608	XRO SPO RD PAR ERR
609	XRO SPO RD DATA<25>
610	XRO SPO RD DATA<24>
611	XRO SPO RD DATA<15>
612	XRO SPO RD DATA<14>
613	XRO SPO RD PAR<12>
614	XRO SPO RD PAR<11>
615	XRO SPO RD HDY
616	SPO XSTIO WR DATA<25>
617	SPO XSTIO WR PAR<12>
618	SPO XSTIO WR PAR<11>
619	SPO XSTIO WR ZONE<1>
620	SPO XSTIO WR ZONE<0>
621	XC VPO SCAN CIL<12>
622	XC VPO SCAN CIL<11>
623	MB0 XRO HD DATA<25>
624	MB0 XRO HD DATA<24>
625	MB0 XRO HD DATA<17>
626	MB0 XRO HD DATA<16>
627	MB0 XRO HD DATA<10>
628	MB0 XRO HD DATA<9>
629	MB0 XRO HD DATA<3>
630	MB0 XRO HD DATA<2>
631	
632	MB0 XC PARH ERROH
633	XSTIO MB0 WR DATA<10>
634	XSTIO MB0 WR DATA<9>
635	XSTIO MB0 WR DATA<3>
636	XSTIO MB0 WR DATA<2>
637	AS1O MB0 WR DATA<9>
638	AS1O MB0 WR DATA<8>
639	AS1O MB0 WR DATA<1>
640	AS1O MB0 WR DATA<0>
641	AS1O MB0 WR PAR<12>
642	AS1O MB0 WR PAR<11>
643	AS1O MB0 WR ZONE<1>
644	AS1O MB0 WR ZONE<0>
645	MB0 XRO HD DATA<25>
646	MB0 XRO HD DATA<24>
647	MB0 XRO HD DATA<17>
648	MB0 XRO HD DATA<16>
649	MB0 XRO HD PAR<12>
650	MB0 XRO HD PAR<11>
651	MB0 XRO HD HDY

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TITLE: XBP
DRAWING: 411-000252-300A Rev 0.0
REVISED: Wed Mar 28 17:25:40 1990

ABBR: XBP
ENGR: GOLEMBESKI

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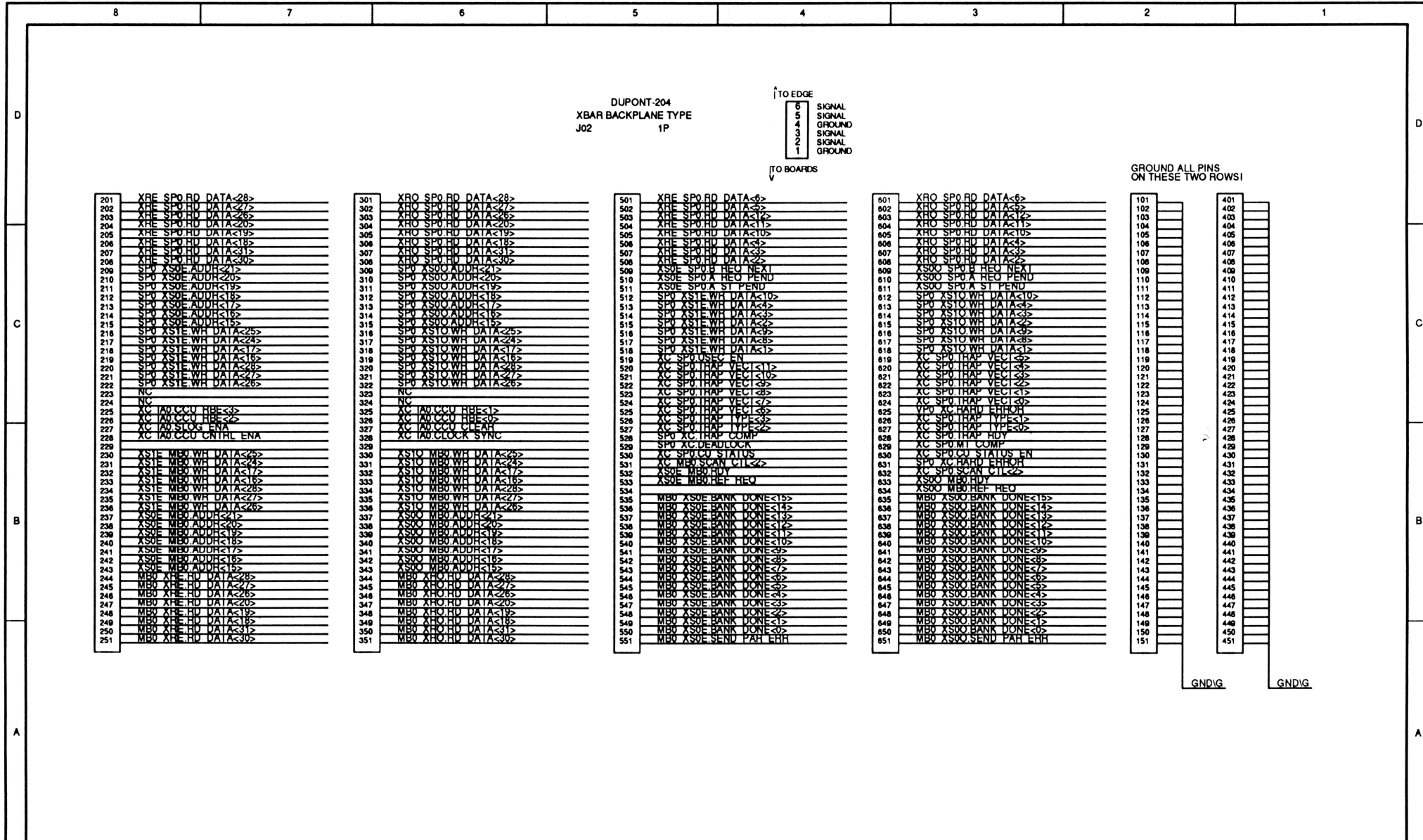
7

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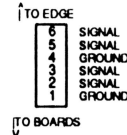
TITLE: XBP
DRAWING: 411-000252-300A Rev 0.0
REVISED: Wed Mar 28 17:29:06 1990

ABBR: XBP
ENGR: GOLEMBESKI

PAGE: 43

8 7 6 5 4 3 2 1

DUPONT-204
XBAR BACKPLANE TYPE
J03 1P



GROUND ALL PINS
ON THESE TWO ROWS!

201	SPO XS0E ADDR<14>
202	SPO XS0E ADDR<13>
203	SPO XS0E ADDR<12>
204	SPO XS0E ADDR<11>
205	SPO XS0E ADDR<10>
206	SPO XS0E ADDR<9>
207	SPO XS0E ADDR<8>
208	SPO XS0E ADDR<7>
209	SPO XS0E ADDR<6>
210	SPO XS0E ADDR<5>
211	SPO XS0E ADDR<4>
212	SPO XS0E ADDR<3>
213	SPO XST1E WR DATA<20>
214	SPO XST1E WR DATA<19>
215	SPO XST1E WR DATA<18>
216	SPO XST1E CIL PAR<3>
217	SPO XST1E CIL PAR<2>
218	SPO XST1E WR DATA<30>
219	SPO XST1E WR DATA<30>
220	SPO XST1E WR DATA<29>
221	SPO XST1E WR DATA<29>
222	SPO XST1E WR DATA<28>
223	SPO XST1E WR DATA<28>
224	SPO XST1E WR DATA<19>
225	
226	XST1E MBO WR DATA<20>
227	XST1E MBO WR DATA<19>
228	XST1E MBO WR DATA<18>
229	XST1E MBO WR DATA<18>
230	XST1E MBO CIL PAR<3>
231	XST1E MBO CIL PAR<2>
232	XST1E MBO WR DATA<30>
233	XST1E MBO WR DATA<30>
234	XST1E MBO WR DATA<29>
235	XST1E MBO WR DATA<29>
236	XST1E MBO WR DATA<28>
237	XST1E MBO WR DATA<28>
238	XST1E MBO WR DATA<19>
239	XST1E MBO WR DATA<19>
240	XSOE MBO ADDR<13>
241	XSOE MBO ADDR<12>
242	XSOE MBO ADDR<11>
243	XSOE MBO ADDR<10>
244	XSOE MBO ADDR<9>
245	XSOE MBO ADDR<8>
246	XSOE MBO ADDR<7>
247	XSOE MBO ADDR<6>
248	XSOE MBO ADDR<5>
249	XSOE MBO CYCLE<3>
250	XSOE MBO ADDR<6>
251	XSOE MBO ADDR<5>

301	SPO XS00 ADDR<14>
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329	XST10 MBO WR DATA<18>
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511	XRE SPO HD DATA<7>
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513	SPO XS0E CYCLE<3>
514	XSOE SPO A HEO NEXT
515	XSOE SPO B HEO PENU
516	XSOE SPO B ST PENU
517	SPO XS0E HD SEL<3>
518	SPO XS0E HD SEL<2>
519	SPO XS0E HD SEL<2>
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532	MBO XC S0E1 FERRH
533	XC MBO SCAN IN
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547	MBO XRE HD DATA<21>
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602	XC VPO SCAN IN
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607	XRO SPO HD DATA<21>
608	XRO SPO HD DATA<19>
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615	XSOO SPO B HEO PENU
616	XSOO SPO B ST PENU
617	SPO XS0E HD SEL<3>
618	SPO XS0E HD SEL<2>
619	SPO XS0E HD SEL<2>
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621	SPO XS0E HD SEL<0>
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632	XC MBO LOG RUN
633	MBO XC SCAN OUT
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635	XST1E MBO WR DATA<7>
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646	MBO XRO HD DATA<22>
647	MBO XRO HD DATA<21>
648	MBO XRO HD DATA<19>
649	MBO XRO HD DATA<19>
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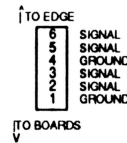
TITLE: XBP
DRAWING: 411-000252-300A Rev 0.0
REVISED: Wed Mar 28 17:32:51 1990

ABBR: XBP
ENGR: GOLEMBESKI

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8 7 6 5 4 3 2 1

DUPONT-204
XBAR BACKPLANE TYPE
J11 1P



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202	MB1 XRE RD DATA<17>
203	MB1 XRE RD DATA<24>
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212	XSOE MBI ADDR<27>
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215	XS1E MBI WR PAR<2>
216	XS1E MBI WR PAR<3>
217	XS1E MBI WR ZONE<2>
218	XS1E MBI WR ZONE<3>
219	MB1 XSTIE SEND PAR EHH
220	XSTIE MBI SPAREU
221	XSTIE MBI SPAREU
222	XSOE MBI SPAREU
223	XSOE MBI SPAREU
224	MB1 XRE SPAREU
225	MB1 XRE SPAREU
226	XC SPT SPAREU
227	XC SPT SPAREU
228	XRE SPT SPAREU
229	XRE SPT SPAREU
230	SPT XSOE SPAREU
231	SPT XSOE SPAREU
232	SPT XSTIE SPAREU
233	SPT XSTIE SPAREU
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236	SPT XSTIE WR PAR<3>
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318	XSTIO MBI WR ZONE<3>
319	MB1 XSTIO SEND PAR EHH
320	XSTIO MBI SPAREU
321	XSTIO MBI SPAREU
322	XSOO MBI SPAREU
323	XSOO MBI SPAREU
324	MB1 XRO SPAREU
325	MB1 XRO SPAREU
326	XC SPT SPAREU
327	XC SPT SPAREU
328	XRO SPT SPAREU
329	XRO SPT SPAREU
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331	SPT XSOO SPAREU
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349	XRO SPT RD DATA<25>
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639	XRO SPT RD PAR<1>
640	XRO SPT RD DATA<0>
641	XRO SPT RD DATA<1>
642	XRO SPT RD DATA<8>
643	XRO SPT RD DATA<9>
644	SPT XRO HITN PAR EHH
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648	IAT XC SPT ERROR
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GROUND ALL PINS
ON THESE TWO ROWS I

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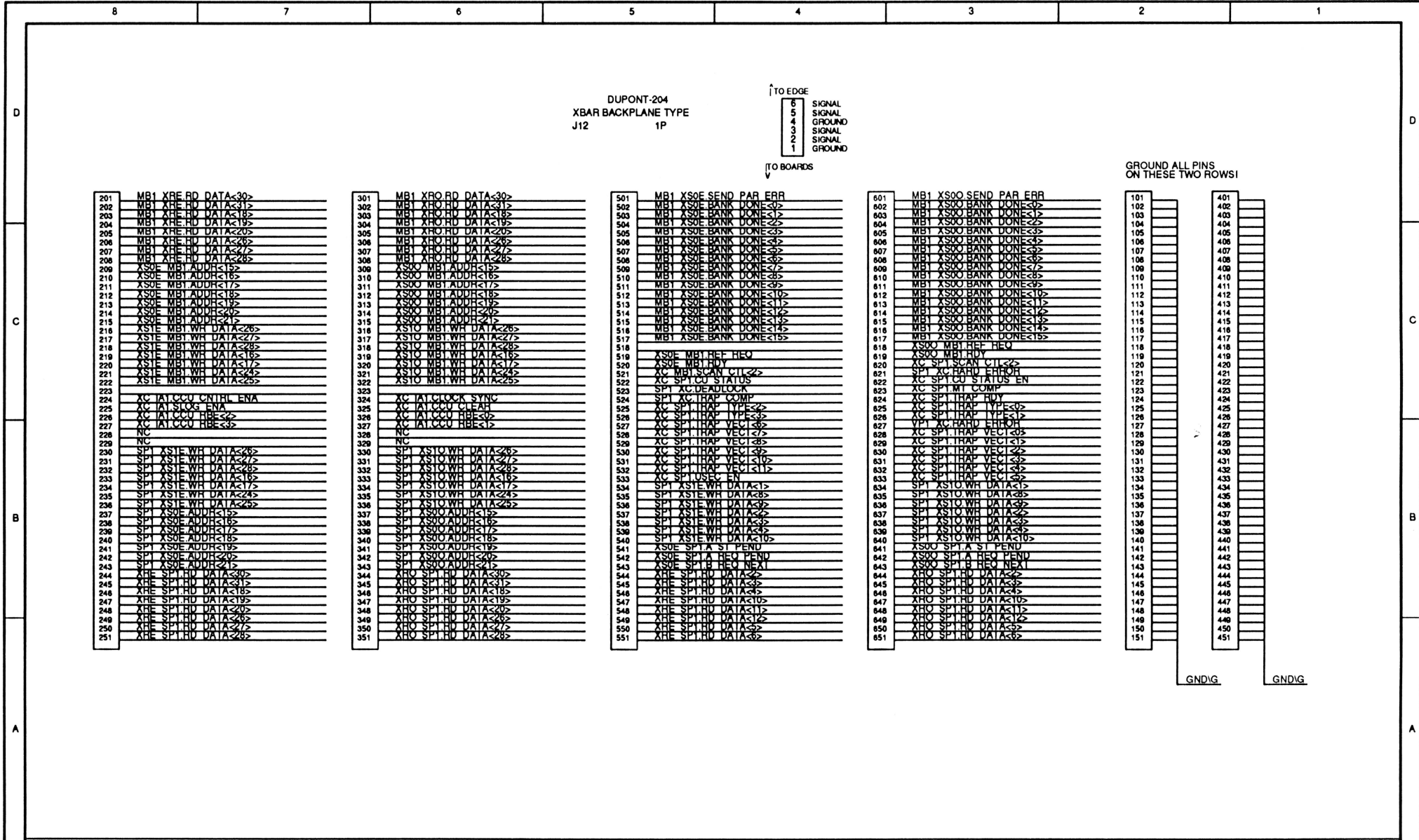
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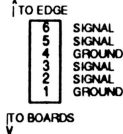


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DUPONT-204
XBAR BACKPLANE TYPE
J12 1P



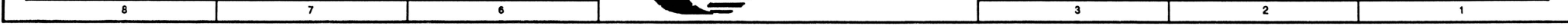
GROUND ALL PINS
ON THESE TWO ROWS

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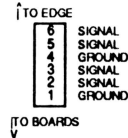


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DRAWING: 411-000252-300A Rev 0.0	ENGR: GOLEMBIESKI
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8 7 6 5 4 3 2 1

DUPONT-204
 XBAR BACKPLANE TYPE (45 DEGREE ROTATION, PIN ESCAPES)
 J21 1P



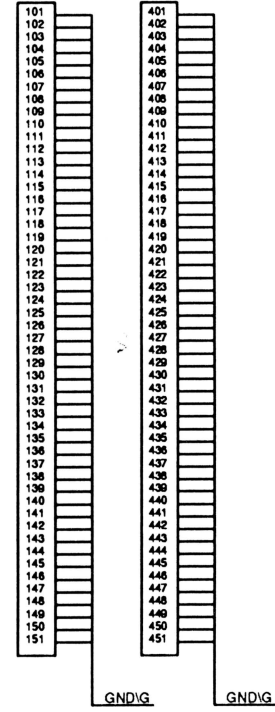
GROUND ALL PINS
 ON THESE TWO ROWS!

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212	SP2 XSOE ADDR<23>
213	SP2 XSOE ADDR<22>
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215	SP2 XSTIE WR ZONE<2>
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217	SP2 XSTIE WR PAR<2>
218	SP2 XSTIE CIL PAR<4>
219	SP2 XSTIE SPARE1
220	SP2 XSOE SPARE1
221	SP2 XSOE SPARE0
222	SP2 XSOE SPARE0
223	XRE SP2 SPARE1
224	XRE SP2 SPARE1
225	XC SP2 SPARE3
226	XC SP2 SPARE2
227	MBZ XRE SPARE1
228	MBZ XRE SPARE0
229	XSOE MB2 SPARE1
230	XSOE MB2 SPARE0
231	XSTIE MB2 SPARE1
232	XSTIE MB2 SPARE0
233	MBZ XSTIE SEND PAR EHH
234	XSTIE MB2 WR ZONE<3>
235	XSTIE MB2 WR ZONE<2>
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321	XC SP2 SPARE1
322	XC SP2 SPARE0
323	XRO SP2 SPARE1
324	XRO SP2 SPARE1
325	XC SP2 SPARE1
326	XC SP2 SPARE0
327	MBZ XRO SPARE1
328	MBZ XRO SPARE0
329	XSOE MB2 SPARE1
330	XSOE MB2 SPARE0
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515	XRE SP2 RD HOY
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537	XSTIE MB2 WR DATA<02>
538	XSTIE MB2 WR DATA<02>
539	XSTIE MB2 WR DATA<1>
540	XSTIE MB2 WR DATA<05>
541	XSTIE MB2 WR PAR<15>
542	XSTIE MB2 WR PAR<02>
543	XSTIE MB2 WR ZONE<12>
544	XSTIE MB2 WR ZONE<02>
545	MBZ XRE HD DATA<32>
546	MBZ XRE HD DATA<31>
547	MBZ XRE HD DATA<15>
548	MBZ XRE HD DATA<12>
549	MBZ XRE HD PAR<1>
550	MBZ XRE HD PAR<02>
551	MBZ XRE HD HOY

601	BP BP PORTID 2<1>
602	BP BP PORTID 2<02>
603	XC IAZ RESET
604	IAZ XC SOFT ERROR
605	
606	
607	XC VP2 SCAN CIL<2>
608	SP2 XRO HIN PAR EHH
609	XRO SP2 RD DATA<32>
610	XRO SP2 RD DATA<31>
611	XRO SP2 RD DATA<15>
612	XRO SP2 RD DATA<02>
613	XRO SP2 RD PAR<1>
614	XRO SP2 RD PAR<02>
615	XRO SP2 RD HOY
616	SP2 XSTIO WR DATA<0>
617	SP2 XSTIO WR PAR<15>
618	SP2 XSTIO WR PAR<02>
619	SP2 XSTIO WR ZONE<12>
620	SP2 XSTIO WR ZONE<02>
621	XC VP2 SCAN CIL<1>
622	XC VP2 SCAN CIL<05>
623	MBZ XRO HD DATA<32>
624	MBZ XRO HD DATA<31>
625	MBZ XRO HD DATA<15>
626	MBZ XRO HD DATA<12>
627	MBZ XRO HD DATA<10>
628	MBZ XRO HD DATA<05>
629	MBZ XRO HD DATA<03>
630	MBZ XRO HD DATA<02>
631	MBZ XC HARD ERROR
632	XSTIO MB2 WR DATA<10>
633	XSTIO MB2 WR DATA<05>
634	XSTIO MB2 WR DATA<03>
635	XSTIO MB2 WR DATA<02>
636	XSTIO MB2 WR DATA<02>
637	XSTIO MB2 WR DATA<02>
638	XSTIO MB2 WR DATA<02>
639	XSTIO MB2 WR DATA<1>
640	XSTIO MB2 WR DATA<05>
641	XSTIO MB2 WR PAR<15>
642	XSTIO MB2 WR PAR<02>
643	XSTIO MB2 WR ZONE<12>
644	XSTIO MB2 WR ZONE<02>
645	MBZ XRO HD DATA<32>
646	MBZ XRO HD DATA<31>
647	MBZ XRO HD DATA<15>
648	MBZ XRO HD DATA<12>
649	MBZ XRO HD PAR<1>
650	MBZ XRO HD PAR<02>
651	MBZ XRO HD HOY



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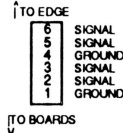


TITLE: XBP
 DRAWING: 411-000252-300A Rev 0.0
 REVISED: Wed Mar 28 17:45:50 1990

ABBR: XBP
 ENGR: GOLENBIESKI

8 7 6 3 2 1

DUPONT-204
XBAR BACKPLANE TYPE (45 DEGREE ROTATION, PIN ESCAPES)
J22 1P



GROUND ALL PINS
ON THESE TWO ROWS!

201	XRE SP2 RD DATA<28>
202	XRE SP2 RD DATA<27>
203	XRE SP2 RD DATA<26>
204	XRE SP2 RD DATA<25>
205	XRE SP2 RD DATA<19>
206	XRE SP2 RD DATA<18>
207	XRE SP2 RD DATA<31>
208	XRE SP2 RD DATA<30>
209	SP2 XS0E ADDR<21>
210	SP2 XS0E ADDR<20>
211	SP2 XS0E ADDR<19>
212	SP2 XS0E ADDR<18>
213	SP2 XS0E ADDR<17>
214	SP2 XS0E ADDR<16>
215	SP2 XS0E ADDR<15>
216	SP2 XSTIE WR DATA<25>
217	SP2 XSTIE WR DATA<24>
218	SP2 XSTIE WR DATA<17>
219	SP2 XSTIE WR DATA<16>
220	SP2 XSTIE WR DATA<15>
221	SP2 XSTIE WR DATA<14>
222	SP2 XSTIE WR DATA<26>
223	NC
224	NC
225	XC IAZCCU HBE<3>
226	XC IAZCCU HBE<2>
227	XC IAZSLOG ENA
228	XC IAZCCU CNTRL ENA
229	
230	XSTIE MB2 WR DATA<25>
231	XSTIE MB2 WR DATA<24>
232	XSTIE MB2 WR DATA<17>
233	XSTIE MB2 WR DATA<16>
234	XSTIE MB2 WR DATA<28>
235	XSTIE MB2 WR DATA<27>
236	XSTIE MB2 WR DATA<26>
237	XS0E MB2 ADDR<21>
238	XS0E MB2 ADDR<20>
239	XS0E MB2 ADDR<19>
240	XS0E MB2 ADDR<18>
241	XS0E MB2 ADDR<17>
242	XS0E MB2 ADDR<16>
243	XS0E MB2 ADDR<15>
244	MB2 XRE HD DATA<28>
245	MB2 XRE HD DATA<27>
246	MB2 XRE HD DATA<26>
247	MB2 XRE HD DATA<25>
248	MB2 XRE HD DATA<19>
249	MB2 XRE HD DATA<18>
250	MB2 XRE HD DATA<31>
251	MB2 XRE HD DATA<30>

301	XRO SP2 RD DATA<28>
302	XRO SP2 RD DATA<27>
303	XRO SP2 RD DATA<26>
304	XRO SP2 RD DATA<25>
305	XRO SP2 RD DATA<19>
306	XRO SP2 RD DATA<18>
307	XRO SP2 RD DATA<31>
308	XRO SP2 RD DATA<30>
309	SP2 XS00 ADDR<21>
310	SP2 XS00 ADDR<20>
311	SP2 XS00 ADDR<19>
312	SP2 XS00 ADDR<18>
313	SP2 XS00 ADDR<17>
314	SP2 XS00 ADDR<16>
315	SP2 XS00 ADDR<15>
316	SP2 XSTIO WR DATA<25>
317	SP2 XSTIO WR DATA<24>
318	SP2 XSTIO WR DATA<17>
319	SP2 XSTIO WR DATA<16>
320	SP2 XSTIO WR DATA<15>
321	SP2 XSTIO WR DATA<14>
322	SP2 XSTIO WR DATA<26>
323	NC
324	NC
325	XC IAZCCU HBE<3>
326	XC IAZCCU HBE<2>
327	XC IAZCCU CLEAR
328	XC IAZCLOCK SYNC
329	
330	XSTIO MB2 WR DATA<25>
331	XSTIO MB2 WR DATA<24>
332	XSTIO MB2 WR DATA<17>
333	XSTIO MB2 WR DATA<16>
334	XSTIO MB2 WR DATA<28>
335	XSTIO MB2 WR DATA<27>
336	XSTIO MB2 WR DATA<26>
337	XS00 MB2 ADDR<21>
338	XS00 MB2 ADDR<20>
339	XS00 MB2 ADDR<19>
340	XS00 MB2 ADDR<18>
341	XS00 MB2 ADDR<17>
342	XS00 MB2 ADDR<16>
343	XS00 MB2 ADDR<15>
344	MB2 XRO HD DATA<28>
345	MB2 XRO HD DATA<27>
346	MB2 XRO HD DATA<26>
347	MB2 XRO HD DATA<25>
348	MB2 XRO HD DATA<19>
349	MB2 XRO HD DATA<18>
350	MB2 XRO HD DATA<31>
351	MB2 XRO HD DATA<30>

501	XRE SP2 RD DATA<6>
502	XRE SP2 RD DATA<5>
503	XRE SP2 RD DATA<12>
504	XRE SP2 RD DATA<11>
505	XRE SP2 RD DATA<10>
506	XRE SP2 RD DATA<4>
507	XRE SP2 RD DATA<3>
508	XRE SP2 RD DATA<25>
509	XS0E SP2 B HEO NEXT
510	XS0E SP2 A HEO PEND
511	XS0E SP2 A SI PEND
512	SP2 XSTIE WR DATA<10>
513	SP2 XSTIE WR DATA<9>
514	SP2 XSTIE WR DATA<3>
515	SP2 XSTIE WR DATA<2>
516	SP2 XSTIE WR DATA<6>
517	SP2 XSTIE WR DATA<5>
518	SP2 XSTIE WR DATA<11>
519	XC SP2 USEF EN
520	XC SP2 TRAP VECI<11>
521	XC SP2 TRAP VECI<10>
522	XC SP2 TRAP VECI<9>
523	XC SP2 TRAP VECI<8>
524	XC SP2 TRAP VECI<7>
525	XC SP2 TRAP VECI<6>
526	XC SP2 TRAP TYPE<3>
527	XC SP2 TRAP TYPE<2>
528	SP2 XC TRAP COMP
529	SP2 XC DEADLOCK
530	XC SP2 CC STATUS
531	XC MB2 SCAN CIL<2>
532	XS0E MB2 HDY
533	XS0E MB2 REF HEQ
534	
535	MB2 XS0E BANK DONE<15>
536	MB2 XS0E BANK DONE<14>
537	MB2 XS0E BANK DONE<13>
538	MB2 XS0E BANK DONE<12>
539	MB2 XS0E BANK DONE<11>
540	MB2 XS0E BANK DONE<10>
541	MB2 XS0E BANK DONE<9>
542	MB2 XS0E BANK DONE<8>
543	MB2 XS0E BANK DONE<7>
544	MB2 XS0E BANK DONE<6>
545	MB2 XS0E BANK DONE<5>
546	MB2 XS0E BANK DONE<4>
547	MB2 XS0E BANK DONE<3>
548	MB2 XS0E BANK DONE<2>
549	MB2 XS0E BANK DONE<1>
550	MB2 XS0E SEND FAH EHH
551	MB2 XS0E SEND FAH EHH

601	XRO SP2 RD DATA<6>
602	XRO SP2 RD DATA<5>
603	XRO SP2 RD DATA<12>
604	XRO SP2 RD DATA<11>
605	XRO SP2 RD DATA<10>
606	XRO SP2 RD DATA<4>
607	XRO SP2 RD DATA<3>
608	XRO SP2 RD DATA<25>
609	XS00 SP2 B HEO NEXT
610	XS00 SP2 A HEO PEND
611	XS00 SP2 A SI PEND
612	SP2 XSTIO WR DATA<10>
613	SP2 XSTIO WR DATA<9>
614	SP2 XSTIO WR DATA<3>
615	SP2 XSTIO WR DATA<2>
616	SP2 XSTIO WR DATA<6>
617	SP2 XSTIO WR DATA<5>
618	SP2 XSTIO WR DATA<11>
619	XC SP2 TRAP VECI<12>
620	XC SP2 TRAP VECI<11>
621	XC SP2 TRAP VECI<10>
622	XC SP2 TRAP VECI<9>
623	XC SP2 TRAP VECI<8>
624	XC SP2 TRAP VECI<7>
625	VP2 XC HARD ERROR
626	XC SP2 TRAP TYPE<1>
627	XC SP2 TRAP TYPE<0>
628	XC SP2 TRAP HDY
629	XC SP2 MI COMP
630	XC SP2 CC STATUS EN
631	SP2 XC HARD ERROR
632	XC SP2 SCAN CIL<2>
633	XS00 MB2 HDY
634	XS00 MB2 REF HEQ
635	MB2 XS00 BANK DONE<15>
636	MB2 XS00 BANK DONE<14>
637	MB2 XS00 BANK DONE<13>
638	MB2 XS00 BANK DONE<12>
639	MB2 XS00 BANK DONE<11>
640	MB2 XS00 BANK DONE<10>
641	MB2 XS00 BANK DONE<9>
642	MB2 XS00 BANK DONE<8>
643	MB2 XS00 BANK DONE<7>
644	MB2 XS00 BANK DONE<6>
645	MB2 XS00 BANK DONE<5>
646	MB2 XS00 BANK DONE<4>
647	MB2 XS00 BANK DONE<3>
648	MB2 XS00 BANK DONE<2>
649	MB2 XS00 BANK DONE<1>
650	MB2 XS00 SEND FAH EHH
651	MB2 XS00 SEND FAH EHH

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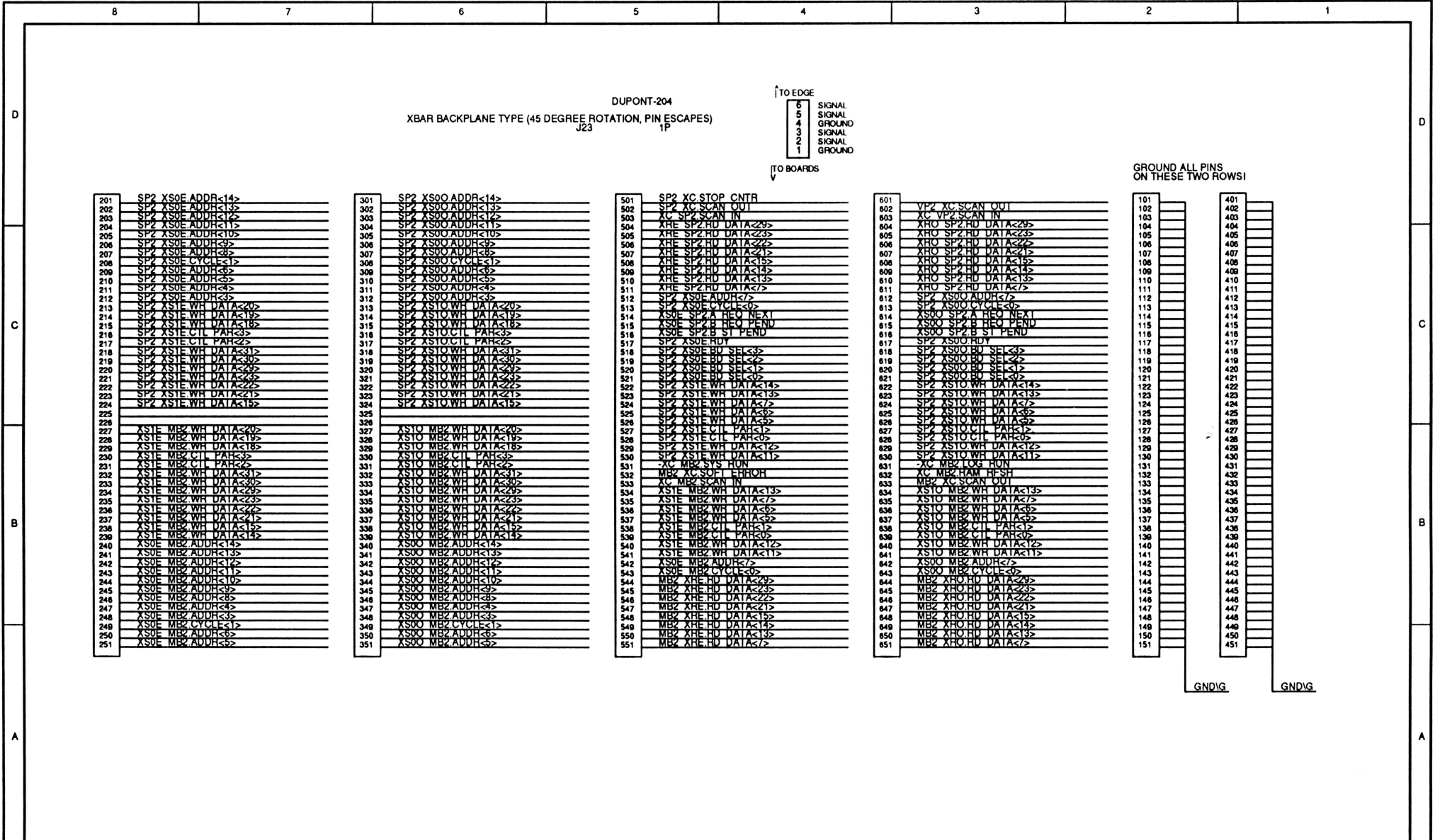
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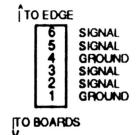
TITLE: XBP
DRAWING: 411-000252-300A Rev 0.0
REVISED: Wed Mar 28 17:48:48 1990

ABBR: XBP
ENGR: GOLENBESKI

PAGE: 49



DUPONT-204
XBAR BACKPLANE TYPE (45 DEGREE ROTATION, PIN ESCAPES)
J23



GROUND ALL PINS
ON THESE TWO ROWS!

GND/G GND/G

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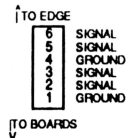


TITLE: XBP
DRAWING: 411-000252-300A Rev 0.0
REVISED: Wed Mar 28 17:23:28 1990

ABBR: XBP
ENGR: GOLENBIESKI

PAGE: 50

DUPONT-204
 XBAR BACKPLANE TYPE (45 DEGREE ROTATION, PIN ESCAPES)
 J31 1P



GROUND ALL PINS
 ON THESE TWO ROWS!

201	MB3 XRE RD DATA<16>
202	MB3 XRE RD DATA<17>
203	MB3 XRE RD DATA<24>
204	MB3 XRE RD DATA<25>
205	MB3 XRE RD PAR<2>
206	MB3 XRE RD PAR<3>
207	XSOE MB3 ADDR<22>
208	XSOE MB3 ADDR<23>
209	XSOE MB3 ADDR<24>
210	XSOE MB3 ADDR<25>
211	XSOE MB3 ADDR<26>
212	XSOE MB3 ADDR<27>
213	XSOE MB3 ADDR<28>
214	ASTIE MB3 CIL PAR<4>
215	ASTIE MB3 WR PAR<2>
216	ASTIE MB3 WR PAR<3>
217	ASTIE MB3 WR ZONE<2>
218	ASTIE MB3 WR ZONE<3>
219	MB3 XSTIE SEND PAR EHH
220	ASTIE MB3 SPARE1
221	ASTIE MB3 SPARE1
222	XSOE MB3 SPARE1
223	XSOE MB3 SPARE1
224	MB3 XRE SPARE1
225	MB3 XRE SPARE1
226	XC SP3 SPARE1
227	XC SP3 SPARE1
228	XRE SP3 SPARE1
229	XRE SP3 SPARE1
230	SP3 XSOE SPARE1
231	SP3 XSOE SPARE1
232	SP3 XSTIE SPARE1
233	SP3 XSTIE SPARE1
234	SP3 XSTIE CIL PAR<4>
235	SP3 XSTIE WR PAR<2>
236	SP3 XSTIE WR PAR<3>
237	SP3 XSTIE WR ZONE<2>
238	SP3 XSTIE WR ZONE<3>
239	SP3 XSOE ADDR<22>
240	SP3 XSOE ADDR<23>
241	SP3 XSOE ADDR<24>
242	SP3 XSOE ADDR<25>
243	SP3 XSOE ADDR<26>
244	SP3 XSOE ADDR<27>
245	SP3 XSOE ADDR<28>
246	XRE SP3 RD DATA<18>
247	XRE SP3 RD DATA<17>
248	XRE SP3 RD DATA<24>
249	XRE SP3 RD DATA<25>
250	XRE SP3 RD PAR<2>
251	XRE SP3 RD PAR<3>

301	MB3 XRO RD DATA<16>
302	MB3 XRO RD DATA<17>
303	MB3 XRO RD DATA<24>
304	MB3 XRO RD DATA<25>
305	MB3 XRO RD PAR<2>
306	MB3 XRO RD PAR<3>
307	XSOO MB3 ADDR<22>
308	XSOO MB3 ADDR<23>
309	XSOO MB3 ADDR<24>
310	XSOO MB3 ADDR<25>
311	XSOO MB3 ADDR<26>
312	XSOO MB3 ADDR<27>
313	XSOO MB3 ADDR<28>
314	ASTIO MB3 CIL PAR<4>
315	ASTIO MB3 WR PAR<2>
316	ASTIO MB3 WR PAR<3>
317	ASTIO MB3 WR ZONE<2>
318	ASTIO MB3 WR ZONE<3>
319	MB3 XSTIO SEND PAR EHH
320	ASTIO MB3 SPARE1
321	ASTIO MB3 SPARE1
322	XSOO MB3 SPARE1
323	XSOO MB3 SPARE1
324	MB3 XRO SPARE1
325	MB3 XRO SPARE1
326	XC SP3 SPARE1
327	XC SP3 SPARE1
328	XRO SP3 SPARE1
329	XRO SP3 SPARE1
330	SP3 XSOO SPARE1
331	SP3 XSOO SPARE1
332	SP3 XSTIO SPARE1
333	SP3 XSTIO SPARE1
334	SP3 XSTIO CIL PAR<4>
335	SP3 XSTIO WR PAR<2>
336	SP3 XSTIO WR PAR<3>
337	SP3 XSTIO WR ZONE<2>
338	SP3 XSTIO WR ZONE<3>
339	SP3 XSOO ADDR<22>
340	SP3 XSOO ADDR<23>
341	SP3 XSOO ADDR<24>
342	SP3 XSOO ADDR<25>
343	SP3 XSOO ADDR<26>
344	SP3 XSOO ADDR<27>
345	SP3 XSOO ADDR<28>
346	XRO SP3 RD DATA<18>
347	XRO SP3 RD DATA<17>
348	XRO SP3 RD DATA<24>
349	XRO SP3 RD DATA<25>
350	XRO SP3 RD PAR<2>
351	XRO SP3 RD PAR<3>

501	MB3 XRE RD RDY
502	MB3 XRE RD PAR<0>
503	MB3 XRE RD PAR<1>
504	MB3 XRE RD DATA<05>
505	MB3 XRE RD DATA<15>
506	MB3 XRE RD DATA<05>
507	MB3 XRE RD DATA<05>
508	ASTIE MB3 WR ZONE<0>
509	ASTIE MB3 WR ZONE<1>
510	ASTIE MB3 WR PAR<05>
511	ASTIE MB3 WR PAR<15>
512	ASTIE MB3 WR DATA<0>
513	ASTIE MB3 WR DATA<1>
514	ASTIE MB3 WR DATA<02>
515	ASTIE MB3 WR DATA<02>
516	ASTIE MB3 WR DATA<25>
517	ASTIE MB3 WR DATA<35>
518	ASTIE MB3 WR DATA<45>
519	ASTIE MB3 WR DATA<102>
520	XC MB3 SCAN CIL<0>
521	XC MB3 SCAN CIL<1>
522	MB3 XRE RD DATA<25>
523	MB3 XRE RD DATA<35>
524	MB3 XRE RD DATA<45>
525	MB3 XRE RD DATA<10>
526	MB3 XRE RD DATA<11>
527	MB3 XRE RD DATA<12>
528	MB3 XRE RD DATA<05>
529	MB3 XRE RD DATA<05>
530	XC SP3 SCAN CIL<0>
531	XC SP3 SCAN CIL<1>
532	SP3 XSTIE WR ZONE<0>
533	SP3 XSTIE WR ZONE<1>
534	SP3 XSTIE WR PAR<05>
535	SP3 XSTIE WR PAR<15>
536	SP3 XSTIE WR DATA<0>
537	XRE SP3 RD RDY
538	XRE SP3 RD PAR<0>
539	XRE SP3 RD PAR<1>
540	XRE SP3 RD DATA<05>
541	XRE SP3 RD DATA<15>
542	XRE SP3 RD DATA<05>
543	XRE SP3 RD DATA<05>
544	SP3 XRO HIN PAR EHH
545	XC VP3 SCAN CIL<0>
546	
547	
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549	
550	BP BP PORT10 3<0>
551	BP BP PORT10 3<1>

601	MB3 XRO RD RDY
602	MB3 XRO RD PAR<0>
603	MB3 XRO RD PAR<1>
604	MB3 XRO RD DATA<05>
605	MB3 XRO RD DATA<15>
606	MB3 XRO RD DATA<05>
607	MB3 XRO RD DATA<05>
608	ASTIO MB3 WR ZONE<0>
609	ASTIO MB3 WR ZONE<1>
610	ASTIO MB3 WR PAR<05>
611	ASTIO MB3 WR PAR<15>
612	ASTIO MB3 WR DATA<0>
613	ASTIO MB3 WR DATA<1>
614	ASTIO MB3 WR DATA<02>
615	ASTIO MB3 WR DATA<02>
616	ASTIO MB3 WR DATA<25>
617	ASTIO MB3 WR DATA<35>
618	ASTIO MB3 WR DATA<45>
619	ASTIO MB3 WR DATA<102>
620	MB3 XC HARDI EHHOH
621	
622	MB3 XRO RD DATA<25>
623	MB3 XRO RD DATA<35>
624	MB3 XRO RD DATA<45>
625	MB3 XRO RD DATA<10>
626	MB3 XRO RD DATA<11>
627	MB3 XRO RD DATA<12>
628	MB3 XRO RD DATA<05>
629	MB3 XRO RD DATA<05>
630	XC VP3 SCAN CIL<0>
631	XC VP3 SCAN CIL<1>
632	SP3 XSTIO WR ZONE<0>
633	SP3 XSTIO WR ZONE<1>
634	SP3 XSTIO WR PAR<05>
635	SP3 XSTIO WR PAR<15>
636	SP3 XSTIO WR DATA<0>
637	XRO SP3 RD RDY
638	XRO SP3 RD PAR<0>
639	XRO SP3 RD PAR<1>
640	XRO SP3 RD DATA<05>
641	XRO SP3 RD DATA<15>
642	XRO SP3 RD DATA<05>
643	XRO SP3 RD DATA<05>
644	SP3 XRO HIN PAR EHH
645	XC VP3 SCAN CIL<0>
646	
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649	IA3 XC SOFT EHHOH
650	XC IA3 RESET
651	BP BP PORT10 3<0>
	BP BP PORT10 3<1>

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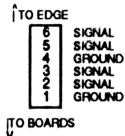
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TITLE:	XBP	ABBR:	XBP
DRAWING:	411-000252-300A Rev 0.0	ENGR:	GOLEMBESKI
REVISED:	Wed Mar 28 17:26:21 1990	PAGE:	51

DUPONT-204
 XBAR BACKPLANE TYPE (45 DEGREE ROTATION, PIN ESCAPES)
 J32 1P



GROUND ALL PINS
 ON THESE TWO ROWS!

201	MB3 XRE RD DATA<30>
202	MB3 XRE RD DATA<31>
203	MB3 XRE RD DATA<18>
204	MB3 XRE RD DATA<19>
205	MB3 XRE RD DATA<20>
206	MB3 XRE RD DATA<28>
207	MB3 XRE RD DATA<29>
208	MB3 XRE RD DATA<28>
209	XSOE MB3 ADDR<15>
210	XSOE MB3 ADDR<16>
211	XSOE MB3 ADDR<17>
212	XSOE MB3 ADDR<18>
213	XSOE MB3 ADDR<19>
214	XSOE MB3 ADDR<20>
215	XSOE MB3 ADDR<21>
216	XSIE MB3 WR DATA<26>
217	XSIE MB3 WR DATA<27>
218	XSIE MB3 WR DATA<28>
219	XSIE MB3 WR DATA<18>
220	XSIE MB3 WR DATA<17>
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224	XC IA3 SLOG ENA
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226	XC IA3 CCU HBE<3>
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228	NC
229	NC
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324	XC IA3 SLOG CLEAR
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329	NC
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351	XRO SP3 RD DATA<28>

501	MB3 XS0E SEND PAR ERR
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503	MB3 XS0E BANK DONE<1>
504	MB3 XS0E BANK DONE<2>
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510	MB3 XS0E BANK DONE<8>
511	MB3 XS0E BANK DONE<9>
512	MB3 XS0E BANK DONE<10>
513	MB3 XS0E BANK DONE<11>
514	MB3 XS0E BANK DONE<12>
515	MB3 XS0E BANK DONE<13>
516	MB3 XS0E BANK DONE<14>
517	MB3 XS0E BANK DONE<15>
518	XSOE MB3 HRF REQ
519	XSOE MB3 RDY
520	XC SP3 SCAN CIL<2>
521	XC MB3 SCAN CIL<2>
522	XC SP3 CU STATUS
523	SP3 XC DEADLOCK
524	SP3 XC IRAP COMP
525	XC SP3 IRAP TYPE<2>
526	XC SP3 IRAP TYPE<3>
527	XC SP3 IRAP VECI<2>
528	XC SP3 IRAP VECI<3>
529	XC SP3 IRAP VECI<2>
530	XC SP3 IRAP VECI<3>
531	XC SP3 IRAP VECI<10>
532	XC SP3 IRAP VECI<11>
533	XC SP3 USEC EN
534	SP3 XSIE WR DATA<1>
535	SP3 XSIE WR DATA<8>
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538	SP3 XSIE WR DATA<3>
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540	SP3 XSIE WR DATA<10>
541	XSOE SP3 A ST PEND
542	XSOE SP3 A HRO PEND
543	XSOE SP3 B REG NEAT
544	XRE SP3 RD DATA<2>
545	XRE SP3 RD DATA<3>
546	XRE SP3 RD DATA<4>
547	XRE SP3 RD DATA<10>
548	XRE SP3 RD DATA<11>
549	XRE SP3 RD DATA<12>
550	XRE SP3 RD DATA<2>
551	XRE SP3 RD DATA<3>

601	MB3 XS00 SEND PAR ERR
602	MB3 XS00 BANK DONE<0>
603	MB3 XS00 BANK DONE<1>
604	MB3 XS00 BANK DONE<2>
605	MB3 XS00 BANK DONE<3>
606	MB3 XS00 BANK DONE<4>
607	MB3 XS00 BANK DONE<5>
608	MB3 XS00 BANK DONE<6>
609	MB3 XS00 BANK DONE<7>
610	MB3 XS00 BANK DONE<8>
611	MB3 XS00 BANK DONE<9>
612	MB3 XS00 BANK DONE<10>
613	MB3 XS00 BANK DONE<11>
614	MB3 XS00 BANK DONE<12>
615	MB3 XS00 BANK DONE<13>
616	MB3 XS00 BANK DONE<14>
617	MB3 XS00 BANK DONE<15>
618	XSOE MB3 HRF REQ
619	XSOE MB3 RDY
620	XC SP3 SCAN CIL<2>
621	SP3 XC HARD EHRON
622	XC SP3 CU STATUS EN
623	XC SP3 WT COMP
624	XC SP3 IRAP RDY
625	XC SP3 IRAP TYPE<0>
626	XC SP3 IRAP TYPE<1>
627	VP3 XC HARD EHRON
628	XC SP3 IRAP VECI<0>
629	XC SP3 IRAP VECI<1>
630	XC SP3 IRAP VECI<2>
631	XC SP3 IRAP VECI<3>
632	XC SP3 IRAP VECI<3>
633	XC SP3 IRAP VECI<3>
634	SP3 XSIO WR DATA<1>
635	SP3 XSIO WR DATA<8>
636	SP3 XSIO WR DATA<9>
637	SP3 XSIO WR DATA<2>
638	SP3 XSIO WR DATA<3>
639	SP3 XSIO WR DATA<4>
640	SP3 XSIO WR DATA<10>
641	XSOE SP3 A ST PEND
642	XSOE SP3 A HRO PEND
643	XSOE SP3 B REG NEAT
644	XRO SP3 RD DATA<2>
645	XRO SP3 RD DATA<3>
646	XRO SP3 RD DATA<4>
647	XRO SP3 RD DATA<10>
648	XRO SP3 RD DATA<11>
649	XRO SP3 RD DATA<12>
650	XRO SP3 RD DATA<2>
651	XRO SP3 RD DATA<3>

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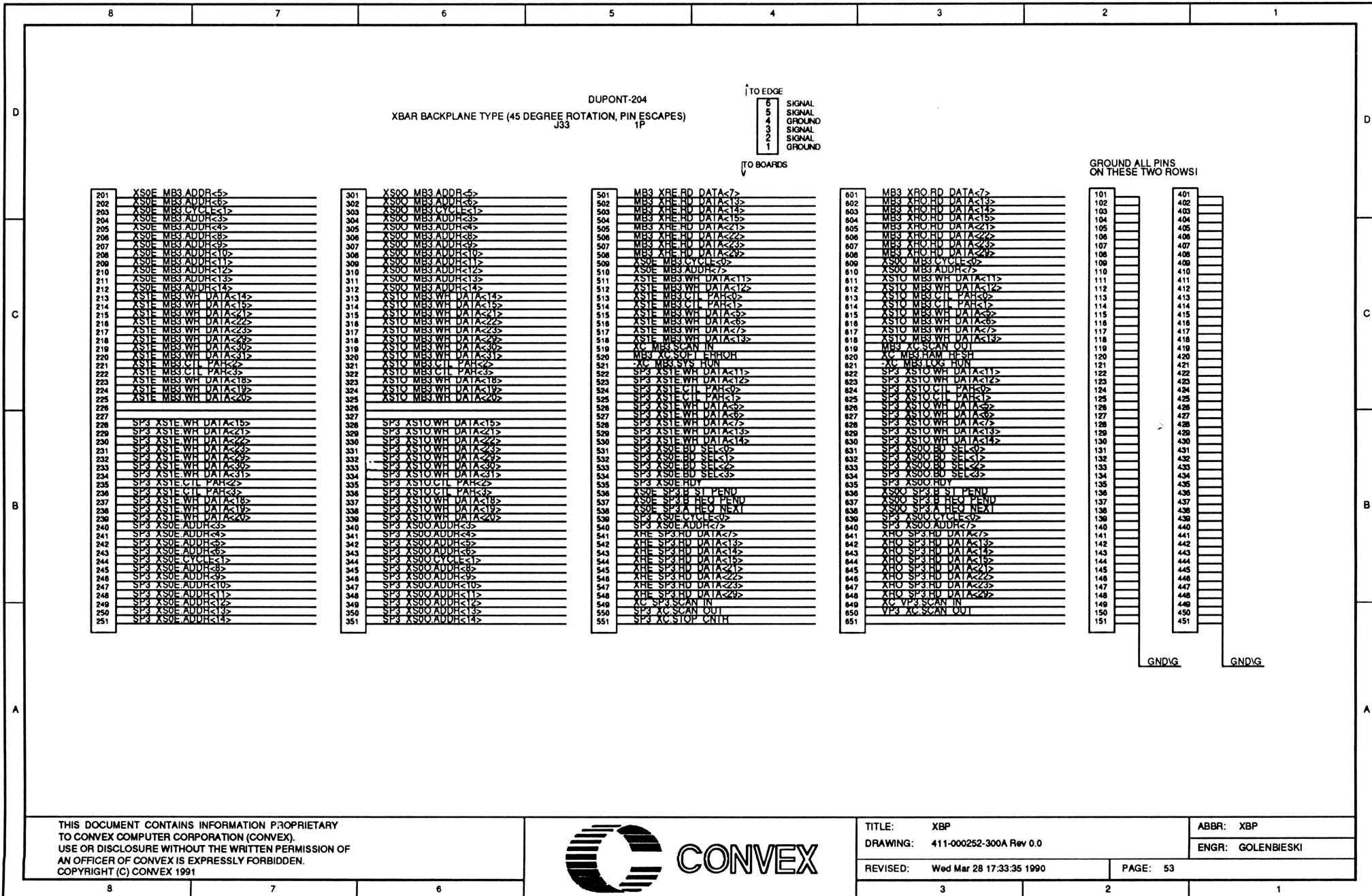
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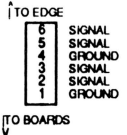
TITLE: XBP
 DRAWING: 411-000252-300A Rev 0.0
 REVISED: Wed Mar 28 17:29:50 1990

ABBR: XBP
 ENGR: GOLEMBESKI

PAGE: 52



DUPONT-204
 XBAR BACKPLANE TYPE (45 DEGREE ROTATION, PIN ESCAPES)
 J33 1P



GROUND ALL PINS ON THESE TWO ROWS I

201	XS0E MB3 ADDR<5>
202	XS0E MB3 ADDR<6>
203	XS0E MB3 ADDR<12>
204	XS0E MB3 ADDR<3>
205	XS0E MB3 ADDR<4>
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207	XS0E MB3 ADDR<9>
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209	XS0E MB3 ADDR<11>
210	XS0E MB3 ADDR<12>
211	XS0E MB3 ADDR<13>
212	XS0E MB3 ADDR<14>
213	XS1E MB3 WR DATA<14>
214	XS1E MB3 WR DATA<15>
215	XS1E MB3 WR DATA<21>
216	XS1E MB3 WR DATA<22>
218	XS1E MB3 WR DATA<23>
219	XS1E MB3 WR DATA<28>
217	XS1E MB3 WR DATA<30>
220	XS1E MB3 WR DATA<31>
221	XS1E MB3 CIL PAR<2>
222	XS1E MB3 CIL PAR<3>
223	XS1E MB3 WR DATA<18>
224	XS1E MB3 WR DATA<19>
225	XS1E MB3 WR DATA<20>
226	
227	
228	SP3 XS1E WR DATA<15>
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230	SP3 XS1E WR DATA<22>
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232	SP3 XS1E WR DATA<28>
233	SP3 XS1E WR DATA<30>
234	SP3 XS1E WR DATA<31>
235	SP3 XS1E CIL PAR<2>
236	SP3 XS1E WR DATA<18>
237	SP3 XS1E WR DATA<19>
238	SP3 XS1E WR DATA<20>
240	SP3 XS0E ADDR<3>
241	SP3 XS0E ADDR<4>
242	SP3 XS0E ADDR<5>
243	SP3 XS0E ADDR<6>
244	SP3 XS0E CYCLE<12>
245	SP3 XS0E ADDR<8>
246	SP3 XS0E ADDR<9>
247	SP3 XS0E ADDR<10>
248	SP3 XS0E ADDR<11>
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250	SP3 XS0E ADDR<13>
251	SP3 XS0E ADDR<14>

301	XS00 MB3 ADDR<5>
302	XS00 MB3 ADDR<6>
303	XS00 MB3 ADDR<12>
304	XS00 MB3 ADDR<3>
305	XS00 MB3 ADDR<4>
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317	XS10 MB3 WR DATA<23>
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319	XS10 MB3 WR DATA<30>
320	XS10 MB3 WR DATA<31>
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322	XS10 MB3 CIL PAR<3>
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324	XS10 MB3 WR DATA<19>
325	XS10 MB3 WR DATA<20>
326	
327	
328	SP3 XS10 WR DATA<15>
329	SP3 XS10 WR DATA<21>
330	SP3 XS10 WR DATA<22>
331	SP3 XS10 WR DATA<23>
332	SP3 XS10 WR DATA<28>
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336	SP3 XS10 CIL PAR<3>
337	SP3 XS10 WR DATA<18>
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339	SP3 XS10 WR DATA<20>
340	SP3 XS00 ADDR<3>
341	SP3 XS00 ADDR<4>
342	SP3 XS00 ADDR<5>
343	SP3 XS00 ADDR<6>
344	SP3 XS00 CYCLE<12>
345	SP3 XS00 ADDR<8>
346	SP3 XS00 ADDR<9>
347	SP3 XS00 ADDR<10>
348	SP3 XS00 ADDR<11>
349	SP3 XS00 ADDR<12>
350	SP3 XS00 ADDR<13>
351	SP3 XS00 ADDR<14>

501	MB3 XRE RD DATA<7>
502	MB3 XRE RD DATA<13>
503	MB3 XRE RD DATA<14>
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507	MB3 XRE RD DATA<23>
508	MB3 XRE RD DATA<28>
509	XS0E MB3 CYCLE<3>
510	XS0E MB3 ADDR<7>
511	XS1E MB3 WR DATA<11>
512	XS1E MB3 WR DATA<12>
513	XS1E MB3 CIL PAR<0>
514	XS1E MB3 CIL PAR<1>
515	XS1E MB3 WR DATA<9>
516	XS1E MB3 WR DATA<8>
517	XS1E MB3 WR DATA<7>
518	XS1E MB3 WR DATA<13>
519	XC MB3 SCAN IN
520	MB3 XC SUFF ERROR
521	XC MB3 SYS RUN
522	SP3 XS1E WR DATA<11>
523	SP3 XS1E WR DATA<12>
524	SP3 XS1E CIL PAR<0>
525	SP3 XS1E CIL PAR<1>
526	SP3 XS1E WR DATA<9>
527	SP3 XS1E WR DATA<8>
528	SP3 XS1E WR DATA<7>
529	SP3 XS1E WR DATA<13>
530	SP3 XS1E WR DATA<14>
531	SP3 XS0E BU SEL<3>
532	SP3 XS0E BU SEL<2>
533	SP3 XS0E BU SEL<1>
534	SP3 XS0E BU SEL<0>
535	SP3 XS0E RDY
536	XS0E SP3 B SI PENU
537	XS0E SP3 B REO PENU
538	XS0E SP3 A REO NEXT
539	XC SP3 SCAN IN
540	SP3 XS0E ADDR<3>
541	XRE SP3 RD DATA<7>
542	XRE SP3 RD DATA<13>
543	XRE SP3 RD DATA<14>
544	XRE SP3 RD DATA<15>
545	XRE SP3 RD DATA<21>
546	XRE SP3 RD DATA<22>
547	XRE SP3 RD DATA<23>
548	XRE SP3 RD DATA<28>
549	XC SP3 SCAN IN
550	SP3 XC SCAN OUT
551	SP3 XC STOP CNTR

601	MB3 XRO RD DATA<7>
602	MB3 XRO RD DATA<13>
603	MB3 XRO RD DATA<14>
604	MB3 XRO RD DATA<15>
605	MB3 XRO RD DATA<21>
606	MB3 XRO RD DATA<22>
607	MB3 XRO RD DATA<23>
608	MB3 XRO RD DATA<28>
609	XS00 MB3 CYCLE<3>
610	XS00 MB3 ADDR<7>
611	XS10 MB3 WR DATA<11>
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613	XS10 MB3 CIL PAR<0>
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615	XS10 MB3 WR DATA<9>
616	XS10 MB3 WR DATA<8>
617	XS10 MB3 WR DATA<7>
618	XS10 MB3 WR DATA<13>
619	XC MB3 SCAN OUT
620	XC MB3 HAM RESSH
621	XC MB3 LOG RUN
622	SP3 XS10 WR DATA<11>
623	SP3 XS10 WR DATA<12>
624	SP3 XS10 CIL PAR<0>
625	SP3 XS10 CIL PAR<1>
626	SP3 XS10 WR DATA<9>
627	SP3 XS10 WR DATA<8>
628	SP3 XS10 WR DATA<7>
629	SP3 XS10 WR DATA<13>
630	SP3 XS10 WR DATA<14>
631	SP3 XS00 BU SEL<3>
632	SP3 XS00 BU SEL<2>
633	SP3 XS00 BU SEL<1>
634	SP3 XS00 BU SEL<0>
635	SP3 XS00 RDY
636	XS00 SP3 B SI PENU
637	XS00 SP3 B REO PENU
638	XS00 SP3 A REO NEXT
639	SP3 XS00 CYCLE<3>
640	SP3 XS00 ADDR<3>
641	XRO SP3 RD DATA<7>
642	XRO SP3 RD DATA<13>
643	XRO SP3 RD DATA<14>
644	XRO SP3 RD DATA<15>
645	XRO SP3 RD DATA<21>
646	XRO SP3 RD DATA<22>
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649	XC SP3 SCAN IN
650	VP3 XC SCAN OUT
651	

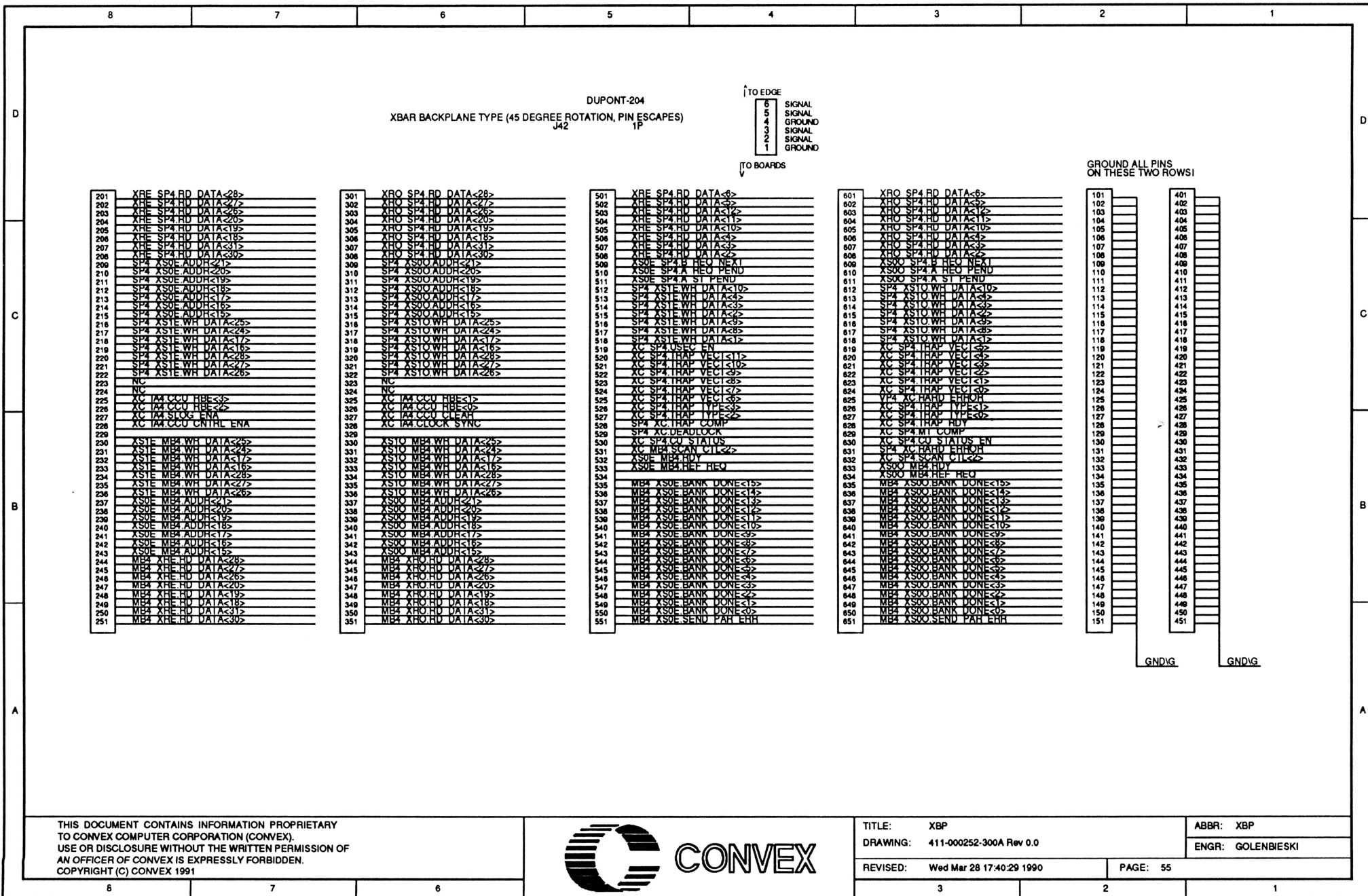
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TITLE:	XBP	ABBR:	XBP
DRAWING:	411-000252-300A Rev 0.0	ENGR:	GOLENBIESKI
REVISED:	Wed Mar 28 17:33:35 1990	PAGE:	53



DUPONT-204
 XBAR BACKPLANE TYPE (45 DEGREE ROTATION, PIN ESCAPES)
 J42

↑ TO EDGE
 6 SIGNAL
 5 SIGNAL
 4 GROUND
 3 SIGNAL
 2 SIGNAL
 1 GROUND
 ↓ TO BOARDS

GROUND ALL PINS
 ON THESE TWO ROWS!

201	XRE SP4 RD DATA<28>
202	XRE SP4 HD DATA<27>
203	XRE SP4 HD DATA<26>
204	XRE SP4 HD DATA<25>
205	XRE SP4 HD DATA<19>
206	XRE SP4 HD DATA<18>
207	XRE SP4 HD DATA<31>
208	XRE SP4 HD DATA<30>
209	SP4 XS0E ADDR<30>
210	SP4 XS0E ADDR<20>
211	SP4 XS0E ADDR<19>
212	SP4 XS0E ADDR<18>
213	SP4 XS0E ADDR<17>
214	SP4 XS0E ADDR<16>
215	SP4 XS0E ADDR<15>
216	SP4 XSTIE WR DATA<25>
217	SP4 XSTIE WR DATA<24>
218	SP4 XSTIE WR DATA<17>
219	SP4 XSTIE WR DATA<16>
220	SP4 XSTIE WR DATA<28>
221	SP4 XSTIE WR DATA<27>
222	SP4 XSTIE WR DATA<26>
223	NC
224	NC
225	XC IAXCCU RBE<3>
226	XC IAXCCU RBE<2>
227	XC IAXSLOG ENA
228	XC IAXCCU CNTRL ENA
229	NC
230	XSTIE MB4 WR DATA<25>
231	XSTIE MB4 WR DATA<42>
232	XSTIE MB4 WR DATA<17>
233	XSTIE MB4 WR DATA<16>
234	XSTIE MB4 WR DATA<28>
235	XSTIE MB4 WR DATA<27>
236	XSTIE MB4 WR DATA<26>
237	XS0E MB4 ADDR<21>
238	XS0E MB4 ADDR<20>
239	XS0E MB4 ADDR<19>
240	XS0E MB4 ADDR<18>
241	XS0E MB4 ADDR<17>
242	XS0E MB4 ADDR<16>
243	XS0E MB4 ADDR<15>
244	MB4 XRE HD DATA<28>
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247	MB4 XRE HD DATA<20>
248	MB4 XRE HD DATA<19>
249	MB4 XRE HD DATA<18>
250	MB4 XRE HD DATA<31>
251	MB4 XRE HD DATA<30>

301	XRO SP4 RD DATA<28>
302	XRO SP4 HD DATA<27>
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304	XRO SP4 HD DATA<25>
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311	SP4 XS00 ADDR<19>
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313	SP4 XS00 ADDR<17>
314	SP4 XS00 ADDR<16>
315	SP4 XS00 ADDR<15>
316	SP4 XSTIO WR DATA<25>
317	SP4 XSTIO WR DATA<24>
318	SP4 XSTIO WR DATA<17>
319	SP4 XSTIO WR DATA<16>
320	SP4 XSTIO WR DATA<28>
321	SP4 XSTIO WR DATA<27>
322	SP4 XSTIO WR DATA<26>
323	NC
324	NC
325	XC IAXCCU RBE<3>
326	XC IAXCCU RBE<2>
327	XC IAXSLOG ENA
328	XC IAXCLOCK SYNC
329	NC
330	XSTIO MB4 WR DATA<25>
331	XSTIO MB4 WR DATA<42>
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334	XSTIO MB4 WR DATA<28>
335	XSTIO MB4 WR DATA<27>
336	XSTIO MB4 WR DATA<26>
337	XS00 MB4 ADDR<21>
338	XS00 MB4 ADDR<20>
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340	XS00 MB4 ADDR<18>
341	XS00 MB4 ADDR<17>
342	XS00 MB4 ADDR<16>
343	XS00 MB4 ADDR<15>
344	MB4 XRO HD DATA<28>
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346	MB4 XRO HD DATA<26>
347	MB4 XRO HD DATA<20>
348	MB4 XRO HD DATA<19>
349	MB4 XRO HD DATA<18>
350	MB4 XRO HD DATA<31>
351	MB4 XRO HD DATA<30>

501	XRE SP4 RD DATA<8>
502	XRE SP4 HD DATA<7>
503	XRE SP4 HD DATA<12>
504	XRE SP4 HD DATA<11>
505	XRE SP4 HD DATA<10>
506	XRE SP4 HD DATA<3>
507	XRE SP4 HD DATA<9>
508	XRE SP4 HD DATA<2>
509	XS0E SP4 B HEO NEXT
510	XS0E SP4 A HEO PENU
511	XS0E SP4 A ST PENU
512	SP4 XSTIE WR DATA<10>
513	SP4 XSTIE WR DATA<4>
514	SP4 XSTIE WR DATA<3>
515	SP4 XSTIE WR DATA<2>
516	SP4 XSTIO WR DATA<9>
517	SP4 XSTIE WR DATA<8>
518	SP4 XSTIE WR DATA<12>
519	XC SP4 USEC EN
520	XC SP4 IHAP VEC1<11>
521	XC SP4 IHAP VEC1<10>
522	XC SP4 IHAP VEC1<9>
523	XC SP4 IHAP VEC1<8>
524	XC SP4 IHAP VEC1<7>
525	XC SP4 IHAP VEC1<6>
526	XC SP4 IHAP VFE<3>
527	XC SP4 IHAP VFE<2>
528	SP4 XC IHAP COMP
529	SP4 XC DEADLOCK
530	XC SP4 CO STATUS
531	XC SP4 SCAN CTL<2>
532	XS0E MB4 HDY
533	XS0E MB4 HET HEQ
534	MB4 XS0E BANK DONE<15>
535	MB4 XS0E BANK DONE<14>
536	MB4 XS0E BANK DONE<13>
537	MB4 XS0E BANK DONE<12>
538	MB4 XS0E BANK DONE<11>
539	MB4 XS0E BANK DONE<10>
540	MB4 XS0E BANK DONE<9>
541	MB4 XS0E BANK DONE<8>
542	MB4 XS0E BANK DONE<7>
543	MB4 XS0E BANK DONE<6>
544	MB4 XS0E BANK DONE<5>
545	MB4 XS0E BANK DONE<4>
546	MB4 XS0E BANK DONE<3>
547	MB4 XS0E BANK DONE<2>
548	MB4 XS0E BANK DONE<1>
549	MB4 XS0E SEND PAH EHR
550	MB4 XS0E SEND PAH EHR
551	MB4 XS0E SEND PAH EHR

601	XRO SP4 RD DATA<8>
602	XRO SP4 HD DATA<7>
603	XRO SP4 HD DATA<12>
604	XRO SP4 HD DATA<11>
605	XRO SP4 HD DATA<10>
606	XRO SP4 HD DATA<3>
607	XRO SP4 HD DATA<9>
608	XRO SP4 HD DATA<2>
609	XS00 SP4 B HEO NEXT
610	XS00 SP4 A HEO PENU
611	XS00 SP4 A ST PENU
612	SP4 XSTIO WR DATA<10>
613	SP4 XSTIO WR DATA<4>
614	SP4 XSTIO WR DATA<3>
615	SP4 XSTIO WR DATA<2>
616	SP4 XSTIO WR DATA<9>
617	SP4 XSTIO WR DATA<8>
618	SP4 XSTIO WR DATA<12>
619	XC SP4 IHAP VEC1<11>
620	XC SP4 IHAP VEC1<10>
621	XC SP4 IHAP VEC1<9>
622	XC SP4 IHAP VEC1<8>
623	XC SP4 IHAP VEC1<7>
624	XC SP4 IHAP VEC1<6>
625	XC SP4 IHAP VFE<3>
626	XC SP4 IHAP VFE<2>
627	XC SP4 IHAP VFE<1>
628	XC SP4 IHAP HDY
629	XC SP4 MT COMP
630	XC SP4 CO STATUS EN
631	SP4 XC HARD ERROR
632	XC SP4 SCAN CTL<2>
633	XS00 MB4 HDY
634	XS00 MB4 HET HEQ
635	MB4 XS00 BANK DONE<15>
636	MB4 XS00 BANK DONE<14>
637	MB4 XS00 BANK DONE<13>
638	MB4 XS00 BANK DONE<12>
639	MB4 XS00 BANK DONE<11>
640	MB4 XS00 BANK DONE<10>
641	MB4 XS00 BANK DONE<9>
642	MB4 XS00 BANK DONE<8>
643	MB4 XS00 BANK DONE<7>
644	MB4 XS00 BANK DONE<6>
645	MB4 XS00 BANK DONE<5>
646	MB4 XS00 BANK DONE<4>
647	MB4 XS00 BANK DONE<3>
648	MB4 XS00 BANK DONE<2>
649	MB4 XS00 BANK DONE<1>
650	MB4 XS00 SEND PAH EHR
651	MB4 XS00 SEND PAH EHR

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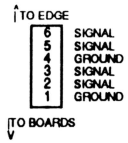
TITLE: XBP
 DRAWING: 411-000252-300A Rev 0.0
 REVISED: Wed Mar 28 17:40:29 1990

ABBR: XBP
 ENGR: GOLENBIESKI

PAGE: 55

8 7 6 5 4 3 2 1

DUPONT-204
 XBAR BACKPLANE TYPE (45 DEGREE ROTATION, PIN ESCAPES)
 J43



GROUND ALL PINS ON THESE TWO ROWS!

201	SP4 XS0E ADDR<14>
202	SP4 XS0E ADDR<13>
203	SP4 XS0E ADDR<12>
204	SP4 XS0E ADDR<11>
205	SP4 XS0E ADDR<10>
206	SP4 XS0E ADDR<9>
207	SP4 XS0E ADDR<8>
208	SP4 XS0E ADDR<7>
209	SP4 XS0E ADDR<6>
210	SP4 XS0E ADDR<5>
211	SP4 XS0E ADDR<4>
212	SP4 XS0E ADDR<3>
213	SP4 XS1E WH DATA<20>
214	SP4 XS1E WH DATA<19>
215	SP4 XS1E WH DATA<18>
216	SP4 XS1E WH DATA<17>
217	SP4 XS1E WH DATA<16>
218	SP4 XS1E WH DATA<15>
219	SP4 XS1E WH DATA<14>
220	SP4 XS1E WH DATA<13>
221	SP4 XS1E WH DATA<12>
222	SP4 XS1E WH DATA<11>
223	SP4 XS1E WH DATA<10>
224	SP4 XS1E WH DATA<9>
225	
226	
227	XS1E MB4 WR DATA<20>
228	XS1E MB4 WR DATA<19>
229	XS1E MB4 WR DATA<18>
230	XS1E MB4 CIL PAR<3>
231	XS1E MB4 CIL PAR<2>
232	XS1E MB4 WR DATA<31>
233	XS1E MB4 WR DATA<30>
234	XS1E MB4 WR DATA<29>
235	XS1E MB4 WR DATA<28>
236	XS1E MB4 WR DATA<27>
237	XS1E MB4 WR DATA<26>
238	XS1E MB4 WR DATA<25>
239	XS1E MB4 WR DATA<24>
240	XS0E MB4 ADDR<14>
241	XS0E MB4 ADDR<13>
242	XS0E MB4 ADDR<12>
243	XS0E MB4 ADDR<11>
244	XS0E MB4 ADDR<10>
245	XS0E MB4 ADDR<9>
246	XS0E MB4 ADDR<8>
247	XS0E MB4 ADDR<7>
248	XS0E MB4 ADDR<6>
249	XS0E MB4 ADDR<5>
250	XS0E MB4 ADDR<4>
251	XS0E MB4 ADDR<3>

301	SP4 XS00 ADDR<14>
302	SP4 XS00 ADDR<13>
303	SP4 XS00 ADDR<12>
304	SP4 XS00 ADDR<11>
305	SP4 XS00 ADDR<10>
306	SP4 XS00 ADDR<9>
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308	SP4 XS00 ADDR<7>
309	SP4 XS00 ADDR<6>
310	SP4 XS00 ADDR<5>
311	SP4 XS00 ADDR<4>
312	SP4 XS00 ADDR<3>
313	SP4 XS10 WH DATA<20>
314	SP4 XS10 WH DATA<19>
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316	SP4 XS10 WH DATA<17>
317	SP4 XS10 WH DATA<16>
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321	SP4 XS10 WH DATA<12>
322	SP4 XS10 WH DATA<11>
323	SP4 XS10 WH DATA<10>
324	SP4 XS10 WH DATA<9>
325	
326	
327	XS10 MB4 WR DATA<20>
328	XS10 MB4 WR DATA<19>
329	XS10 MB4 WR DATA<18>
330	XS10 MB4 CIL PAR<3>
331	XS10 MB4 CIL PAR<2>
332	XS10 MB4 WR DATA<31>
333	XS10 MB4 WR DATA<30>
334	XS10 MB4 WR DATA<29>
335	XS10 MB4 WR DATA<28>
336	XS10 MB4 WR DATA<27>
337	XS10 MB4 WR DATA<26>
338	XS10 MB4 WR DATA<25>
339	XS10 MB4 WR DATA<24>
340	XS00 MB4 ADDR<14>
341	XS00 MB4 ADDR<13>
342	XS00 MB4 ADDR<12>
343	XS00 MB4 ADDR<11>
344	XS00 MB4 ADDR<10>
345	XS00 MB4 ADDR<9>
346	XS00 MB4 ADDR<8>
347	XS00 MB4 ADDR<7>
348	XS00 MB4 ADDR<6>
349	XS00 MB4 ADDR<5>
350	XS00 MB4 ADDR<4>
351	XS00 MB4 ADDR<3>

501	SP4 XC STOP CNTR
502	SP4 XC SCAN OUT
503	XC SP4 SCAN IN
504	XRE SP4 HD DATA<29>
505	XRE SP4 HD DATA<28>
506	XRE SP4 HD DATA<27>
507	XRE SP4 HD DATA<26>
508	XRE SP4 HD DATA<25>
509	XRE SP4 HD DATA<24>
510	XRE SP4 HD DATA<23>
511	XRE SP4 HD DATA<22>
512	SP4 XS0E ADDR<2>
513	SP4 XS0E ADDR<1>
514	XS0E SP4 A HEO NEX1
515	XS0E SP4 B HEO PEN1
516	XS0E SP4 B SI PEN1
517	SP4 XS0E RDT
518	SP4 XS0E HD SEL<3>
519	SP4 XS0E HD SEL<2>
520	SP4 XS0E HD SEL<1>
521	SP4 XS0E HD SEL<0>
522	SP4 XS1E WH DATA<14>
523	SP4 XS1E WH DATA<13>
524	SP4 XS1E WH DATA<12>
525	SP4 XS1E WH DATA<11>
526	SP4 XS1E WH DATA<10>
527	SP4 XS1E WH DATA<9>
528	SP4 XS1E WH DATA<8>
529	SP4 XS1E WH DATA<7>
530	SP4 XS1E WH DATA<6>
531	XC MB4 SYS RUN
532	MB4 XC SOFT ETR0H
533	XC MB4 SCAN IN
534	XS1E MB4 WR DATA<13>
535	XS1E MB4 WR DATA<12>
536	XS1E MB4 WR DATA<11>
537	XS1E MB4 WR DATA<10>
538	XS1E MB4 WR DATA<9>
539	XS1E MB4 WR DATA<8>
540	XS1E MB4 WR DATA<7>
541	XS1E MB4 WR DATA<6>
542	XS0E MB4 ADDR<7>
543	XS0E MB4 ADDR<6>
544	MB4 XRE HD DATA<29>
545	MB4 XRE HD DATA<28>
546	MB4 XRE HD DATA<27>
547	MB4 XRE HD DATA<26>
548	MB4 XRE HD DATA<25>
549	MB4 XRE HD DATA<24>
550	MB4 XRE HD DATA<23>
551	MB4 XRE HD DATA<22>

601	VP4 XC SCAN OUT
602	XC VP4 SCAN IN
603	XRO SP4 HD DATA<29>
604	XRO SP4 HD DATA<28>
605	XRO SP4 HD DATA<27>
606	XRO SP4 HD DATA<26>
607	XRO SP4 HD DATA<25>
608	XRO SP4 HD DATA<24>
609	XRO SP4 HD DATA<23>
610	XRO SP4 HD DATA<22>
611	XRO SP4 HD DATA<21>
612	SP4 XS00 ADDR<2>
613	SP4 XS00 ADDR<1>
614	XS00 SP4 A HEO NEX1
615	XS00 SP4 B HEO PEN1
616	XS00 SP4 B SI PEN1
617	SP4 XS00 RDT
618	SP4 XS00 HD SEL<3>
619	SP4 XS00 HD SEL<2>
620	SP4 XS00 HD SEL<1>
621	SP4 XS00 HD SEL<0>
622	SP4 XS10 WH DATA<14>
623	SP4 XS10 WH DATA<13>
624	SP4 XS10 WH DATA<12>
625	SP4 XS10 WH DATA<11>
626	SP4 XS10 WH DATA<10>
627	SP4 XS10 WH DATA<9>
628	SP4 XS10 WH DATA<8>
629	SP4 XS10 WH DATA<7>
630	SP4 XS10 WH DATA<6>
631	XC MB4 LOG RUN
632	XC MB4 HAM FRESH
633	MB4 XC SCAN OUT
634	XS10 MB4 WR DATA<13>
635	XS10 MB4 WR DATA<12>
636	XS10 MB4 WR DATA<11>
637	XS10 MB4 WR DATA<10>
638	XS10 MB4 WR DATA<9>
639	XS10 MB4 WR DATA<8>
640	XS10 MB4 WR DATA<7>
641	XS10 MB4 WR DATA<6>
642	XS00 MB4 ADDR<7>
643	XS00 MB4 ADDR<6>
644	MB4 XRO HD DATA<29>
645	MB4 XRO HD DATA<28>
646	MB4 XRO HD DATA<27>
647	MB4 XRO HD DATA<26>
648	MB4 XRO HD DATA<25>
649	MB4 XRO HD DATA<24>
650	MB4 XRO HD DATA<23>
651	MB4 XRO HD DATA<22>

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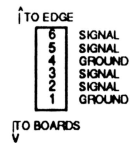


TITLE: XBP	ABBR: XBP
DRAWING: 411-000252-300A Rev 0.0	ENGR: GOLENBESKI
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8 7 6 5 4 3 2 1

DUPONT-204
 XBAR BACKPLANE TYPE (45 DEGREE ROTATION, PIN ESCAPES)
 J51 1P



GROUND ALL PINS ON THESE TWO ROWS!

201	MBS XRE RD DATA<16>
202	MBS XRE RD DATA<17>
203	MBS XRE RD DATA<24>
204	MBS XRE RD DATA<25>
205	MBS XRE RD PAR<2>
206	MBS XRE RD PAR<3>
207	XSOE MBS ADDR<24>
208	XSOE MBS ADDR<24>
209	XSOE MBS ADDR<24>
210	XSOE MBS ADDR<25>
211	XSOE MBS ADDR<26>
212	XSOE MBS ADDR<27>
213	XSOE MBS ADDR<28>
214	XSTIE MBS CIL PAR<4>
215	XSTIE MBS WR PAR<2>
216	XSTIE MBS WR PAR<3>
217	XSTIE MBS WR ZONE<2>
218	XSTIE MBS WR ZONE<3>
219	MBS XSTIE SEND PAR EHH
220	XSTIE MBS SPARE0
221	XSTIE MBS SPARE1
222	XSOE MBS SPARE0
223	XSOE MBS SPARE1
224	MBS XRE SPARE0
225	MBS XRE SPARE1
226	XC SP5 SPARE2
227	XC SP5 SPARE3
228	XRE SP5 SPARE0
229	XRE SP5 SPARE1
230	SP5 XSOE SPARE0
231	SP5 XSOE SPARE1
232	SP5 XSTIE SPARE0
233	SP5 XSTIE SPARE1
234	SP5 XSTIE CIL PAR<4>
235	SP5 XSTIE WR PAR<2>
236	SP5 XSTIE WR PAR<3>
237	SP5 XSTIE WR ZONE<2>
238	SP5 XSTIE WR ZONE<3>
239	SP5 XSTIE WR ZONE<4>
240	SP5 XSOE ADDR<23>
241	SP5 XSOE ADDR<24>
242	SP5 XSOE ADDR<25>
243	SP5 XSOE ADDR<26>
244	SP5 XSOE ADDR<27>
245	SP5 XSOE ADDR<28>
246	XRE SP5 HD DATA<16>
247	XRE SP5 HD DATA<17>
248	XRE SP5 HD DATA<24>
249	XRE SP5 HD DATA<25>
250	XRE SP5 HD PAR<2>
251	XRE SP5 HD PAR<3>

301	MBS XRO RD DATA<16>
302	MBS XRO RD DATA<17>
303	MBS XRO RD DATA<24>
304	MBS XRO RD DATA<25>
305	MBS XRO RD PAR<2>
306	MBS XRO RD PAR<3>
307	XSOE MBS ADDR<24>
308	XSOE MBS ADDR<24>
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310	XSOE MBS ADDR<25>
311	XSOE MBS ADDR<26>
312	XSOE MBS ADDR<27>
313	XSOE MBS ADDR<28>
314	XSTIO MBS CIL PAR<4>
315	XSTIO MBS WR PAR<2>
316	XSTIO MBS WR PAR<3>
317	XSTIO MBS WR ZONE<2>
318	XSTIO MBS WR ZONE<3>
319	MBS XSTIO SEND PAR EHH
320	XSTIO MBS SPARE0
321	XSTIO MBS SPARE1
322	XSOE MBS SPARE0
323	XSOE MBS SPARE1
324	MBS XRO SPARE0
325	MBS XRO SPARE1
326	XC SP5 SPARE0
327	XC SP5 SPARE1
328	XRO SP5 SPARE0
329	XRO SP5 SPARE1
330	SP5 XSOE SPARE0
331	SP5 XSOE SPARE1
332	SP5 XSTIO SPARE0
333	SP5 XSTIO SPARE1
334	SP5 XSTIO CIL PAR<4>
335	SP5 XSTIO WR PAR<2>
336	SP5 XSTIO WR PAR<3>
337	SP5 XSTIO WR ZONE<2>
338	SP5 XSTIO WR ZONE<3>
339	SP5 XSTIO WR ZONE<4>
340	SP5 XSOE ADDR<23>
341	SP5 XSOE ADDR<24>
342	SP5 XSOE ADDR<25>
343	SP5 XSOE ADDR<26>
344	SP5 XSOE ADDR<27>
345	SP5 XSOE ADDR<28>
346	XRO SP5 HD DATA<16>
347	XRO SP5 HD DATA<17>
348	XRO SP5 HD DATA<24>
349	XRO SP5 HD DATA<25>
350	XRO SP5 HD PAR<2>
351	XRO SP5 HD PAR<3>

501	MBS XRE RD RDY
502	MBS XRE RD PAR<0>
503	MBS XRE RD PAR<1>
504	MBS XRE RD DATA<0>
505	MBS XRE RD DATA<1>
506	MBS XRO RD PAR<3>
507	MBS XRE RD DATA<3>
508	XSTIE MBS WR ZONE<0>
509	XSTIE MBS WR ZONE<1>
510	XSTIE MBS WR PAR<0>
511	XSTIE MBS WR PAR<1>
512	XSTIE MBS WR DATA<0>
513	XSTIE MBS WR DATA<1>
514	XSTIE MBS WR DATA<2>
515	XSTIE MBS WR DATA<3>
516	XSTIE MBS WR DATA<4>
517	XSTIE MBS WR DATA<5>
518	XSTIE MBS WR DATA<6>
519	XSTIE MBS WR DATA<10>
520	XC MBS SCAN CIL<0>
521	XC MBS SCAN CIL<1>
522	MBS XRE RD DATA<2>
523	MBS XRE RD DATA<3>
524	MBS XRE RD DATA<4>
525	MBS XRE RD DATA<10>
526	MBS XRE RD DATA<11>
527	MBS XRE RD DATA<12>
528	MBS XRE RD DATA<5>
529	MBS XRE RD DATA<6>
530	XC SP5 SCAN CIL<2>
531	XC SP5 SCAN CIL<3>
532	SP5 XSTIE WR ZONE<0>
533	SP5 XSTIE WR ZONE<1>
534	SP5 XSTIE WR PAR<0>
535	SP5 XSTIE WR PAR<1>
536	SP5 XSTIE WR DATA<0>
537	XRE SP5 HD RDY
538	XRE SP5 HD PAR<0>
539	XRE SP5 HD PAR<1>
540	XRE SP5 HD DATA<0>
541	XRE SP5 HD DATA<1>
542	XRE SP5 HD DATA<3>
543	XRE SP5 HD DATA<4>
544	SP5 XRE RTN PAR EHH
545	
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550	BP BP PORTID 5<2>
551	BP BP PORTID 5<3>

601	MBS XRO RD RDY
602	MBS XRO RD PAR<0>
603	MBS XRO RD PAR<1>
604	MBS XRO RD DATA<0>
605	MBS XRO RD DATA<1>
606	MBS XRE RD DATA<3>
607	MBS XRO RD DATA<3>
608	XSTIO MBS WR ZONE<0>
609	XSTIO MBS WR ZONE<1>
610	XSTIO MBS WR PAR<0>
611	XSTIO MBS WR PAR<1>
612	XSTIO MBS WR DATA<0>
613	XSTIO MBS WR DATA<1>
614	XSTIO MBS WR DATA<2>
615	XSTIO MBS WR DATA<3>
616	XSTIO MBS WR DATA<4>
617	XSTIO MBS WR DATA<5>
618	XSTIO MBS WR DATA<6>
619	XSTIO MBS WR DATA<10>
620	MBS XC RTN EHH
621	
622	MBS XRO RD DATA<2>
623	MBS XRO RD DATA<3>
624	MBS XRO RD DATA<4>
625	MBS XRO RD DATA<10>
626	MBS XRO RD DATA<11>
627	MBS XRO RD DATA<12>
628	MBS XRO RD DATA<5>
629	MBS XRO RD DATA<6>
630	XC VP5 SCAN CIL<0>
631	XC VP5 SCAN CIL<1>
632	SP5 XSTIO WR ZONE<0>
633	SP5 XSTIO WR ZONE<1>
634	SP5 XSTIO WR PAR<0>
635	SP5 XSTIO WR PAR<1>
636	SP5 XSTIO WR DATA<0>
637	XRO SP5 HD RDY
638	XRO SP5 HD PAR<0>
639	XRO SP5 HD PAR<1>
640	XRO SP5 HD DATA<0>
641	XRO SP5 HD DATA<1>
642	XRO SP5 HD DATA<3>
643	XRO SP5 HD DATA<4>
644	SP5 XRO RTN PAR EHH
645	XC VP5 SCAN CIL<2>
646	
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649	IA5 XC SOFT EHH
650	BP BP PORTID 5<0>
651	BP BP PORTID 5<1>

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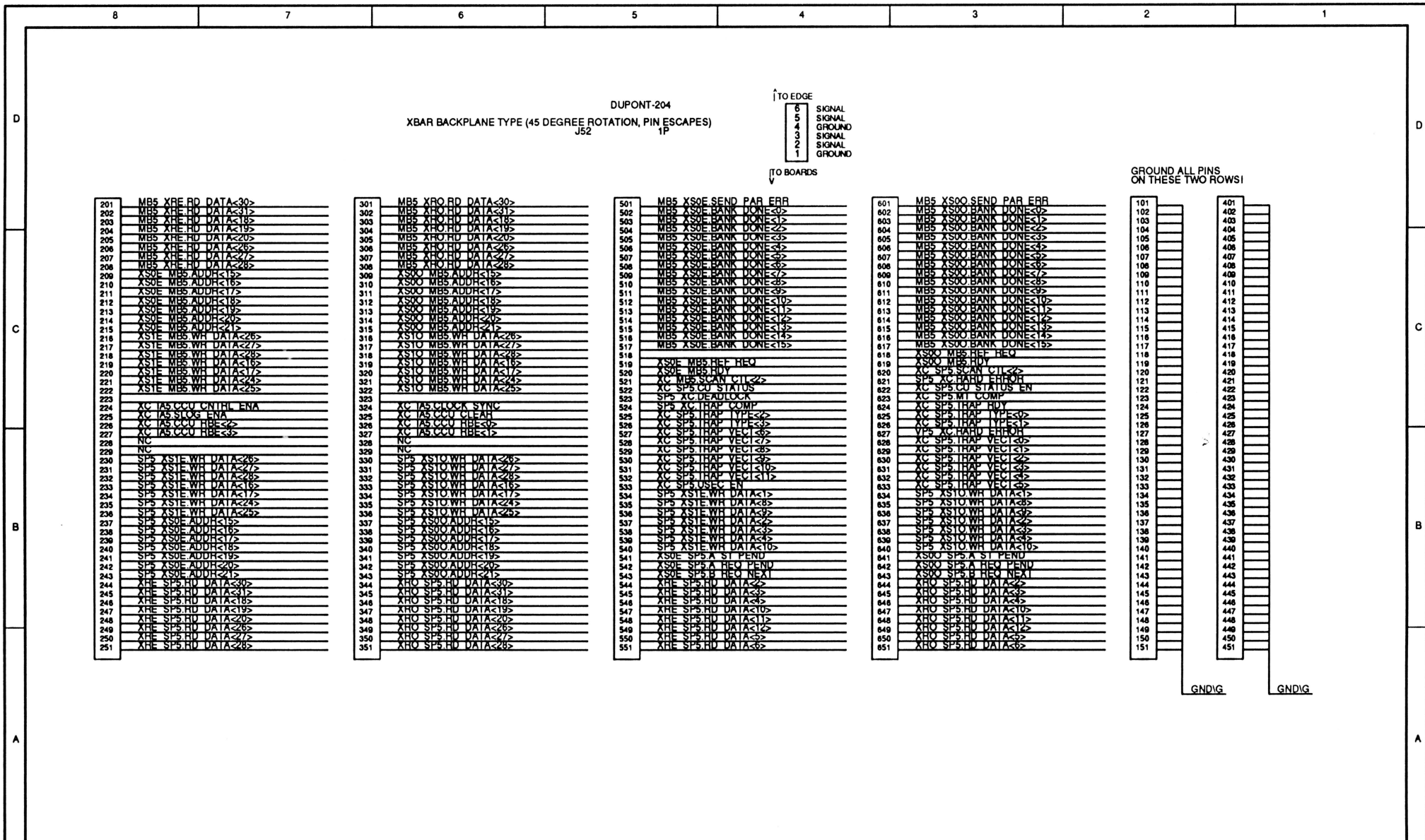
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DRAWING: 411-000252-300A Rev 0.0	ENGR: GOLENBIESKI
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DUPONT-204
XBAR BACKPLANE TYPE (45 DEGREE ROTATION, PIN ESCAPES)
J52 1P

↑ TO EDGE
6 SIGNAL
5 SIGNAL
4 GROUND
3 SIGNAL
2 SIGNAL
1 GROUND
↓ TO BOARDS

GROUND ALL PINS
ON THESE TWO ROWS!

201	MBS XRE RD DATA<30>
202	MBS XRE RD DATA<31>
203	MBS XRE RD DATA<18>
204	MBS XRE RD DATA<19>
205	MBS XRE RD DATA<20>
206	MBS XRE RD DATA<26>
207	MBS XRE RD DATA<27>
208	MBS XRE RD DATA<28>
209	XSOE MBS ADDR<15>
210	XSOE MBS ADDR<16>
211	XSOE MBS ADDR<17>
212	XSOE MBS ADDR<18>
213	XSOE MBS ADDR<19>
214	XSOE MBS ADDR<20>
215	XSOE MBS ADDR<21>
216	XSTIE MBS WR DATA<26>
217	XSTIE MBS WR DATA<27>
218	XSTIE MBS WR DATA<28>
219	XSTIE MBS WR DATA<16>
220	XSTIE MBS WR DATA<17>
221	XSTIE MBS WR DATA<24>
222	XSTIE MBS WR DATA<25>
223	XC IAS CCU CNTRL ENA
224	XC IAS LOG EMA
225	XC IAS LOG RBE<2>
226	XC IAS CCU RBE<3>
227	NC
228	NC
229	NC
230	SP5 XSTIE WR DATA<26>
231	SP5 XSTIE WR DATA<27>
232	SP5 XSTIE WR DATA<28>
233	SP5 XSTIE WR DATA<16>
234	SP5 XSTIE WR DATA<17>
235	SP5 XSTIE WR DATA<24>
236	SP5 XSTIE WR DATA<25>
237	SP5 XSOE ADDR<15>
238	SP5 XSOE ADDR<16>
239	SP5 XSOE ADDR<17>
240	SP5 XSOE ADDR<18>
241	SP5 XSOE ADDR<19>
242	SP5 XSOE ADDR<20>
243	SP5 XSOE ADDR<21>
244	XRE SPS RD DATA<30>
245	XRE SPS RD DATA<31>
246	XRE SPS RD DATA<18>
247	XRE SPS RD DATA<19>
248	XRE SPS RD DATA<20>
249	XRE SPS RD DATA<26>
250	XRE SPS RD DATA<27>
251	XRE SPS RD DATA<28>

301	MBS XRO RD DATA<30>
302	MBS XRO RD DATA<31>
303	MBS XRO RD DATA<18>
304	MBS XRO RD DATA<19>
305	MBS XRO RD DATA<20>
306	MBS XRO RD DATA<26>
307	MBS XRO RD DATA<27>
308	MBS XRO RD DATA<28>
309	XSOO MBS ADDR<15>
310	XSOO MBS ADDR<16>
311	XSOO MBS ADDR<17>
312	XSOO MBS ADDR<18>
313	XSOO MBS ADDR<19>
314	XSOO MBS ADDR<20>
315	XSOO MBS ADDR<21>
316	XSTIO MBS WR DATA<26>
317	XSTIO MBS WR DATA<27>
318	XSTIO MBS WR DATA<28>
319	XSTIO MBS WR DATA<16>
320	XSTIO MBS WR DATA<17>
321	XSTIO MBS WR DATA<24>
322	XSTIO MBS WR DATA<25>
323	XC IAS CLOCK SYNC
324	XC IAS CCU CLEAR
325	XC IAS CCU RBE<2>
326	XC IAS CCU RBE<3>
327	XC IAS CCU RBE<1>
328	NC
329	NC
330	NC
331	SP5 XSTIO WR DATA<26>
332	SP5 XSTIO WR DATA<27>
333	SP5 XSTIO WR DATA<28>
334	SP5 XSTIO WR DATA<16>
335	SP5 XSTIO WR DATA<17>
336	SP5 XSTIO WR DATA<24>
337	SP5 XSTIO WR DATA<25>
338	SP5 XSOE ADDR<15>
339	SP5 XSOE ADDR<16>
340	SP5 XSOE ADDR<17>
341	SP5 XSOE ADDR<18>
342	SP5 XSOE ADDR<19>
343	SP5 XSOE ADDR<20>
344	SP5 XSOE ADDR<21>
345	XRO SPS RD DATA<30>
346	XRO SPS RD DATA<31>
347	XRO SPS RD DATA<18>
348	XRO SPS RD DATA<19>
349	XRO SPS RD DATA<20>
350	XRO SPS RD DATA<26>
351	XRO SPS RD DATA<27>
351	XRO SPS RD DATA<28>

501	MBS XSOE SEND PAR ERR
502	MBS XSOE BANK DONE<30>
503	MBS XSOE BANK DONE<31>
504	MBS XSOE BANK DONE<25>
505	MBS XSOE BANK DONE<35>
506	MBS XSOE BANK DONE<45>
507	MBS XSOE BANK DONE<32>
508	MBS XSOE BANK DONE<32>
509	MBS XSOE BANK DONE<37>
510	MBS XSOE BANK DONE<35>
511	MBS XSOE BANK DONE<35>
512	MBS XSOE BANK DONE<10>
513	MBS XSOE BANK DONE<11>
514	MBS XSOE BANK DONE<12>
515	MBS XSOE BANK DONE<13>
516	MBS XSOE BANK DONE<14>
517	MBS XSOE BANK DONE<15>
518	XC SP5 MI COMP
519	XSOE MBS REF REQ
520	XSOE MBS HDY
521	XC MBS SCAN CILL<2>
522	XC SP5 CC STATUS
523	SP5 XC DEADLOCK
524	SP5 XC TRAP COMP
525	XC SP5 TRAP TYPE<25>
526	XC SP5 TRAP TYPE<32>
527	XC SP5 TRAP VECI<32>
528	XC SP5 TRAP VECI<7>
529	XC SP5 TRAP VECI<35>
530	XC SP5 TRAP VECI<32>
531	XC SP5 TRAP VECI<10>
532	XC SP5 TRAP VECI<11>
533	XC SP5 USEC EN
534	SP5 XSTIE WR DATA<15>
535	SP5 XSTIE WR DATA<26>
536	SP5 XSTIE WR DATA<32>
537	SP5 XSTIE WR DATA<42>
538	SP5 XSTIE WR DATA<32>
539	SP5 XSTIE WR DATA<32>
540	SP5 XSTIE WR DATA<10>
541	XSOE SP5 A SI PEND
542	XSOE SP5 A HEO PEND
543	XSOE SP5 B HEO NEXT
544	XRE SPS RD DATA<32>
545	XRE SPS RD DATA<32>
546	XRE SPS RD DATA<45>
547	XRE SPS RD DATA<10>
548	XRE SPS RD DATA<11>
549	XRE SPS RD DATA<12>
550	XRE SPS RD DATA<32>
551	XRE SPS RD DATA<32>

601	MBS XSOO SEND PAR ERR
602	MBS XSOO BANK DONE<30>
603	MBS XSOO BANK DONE<31>
604	MBS XSOO BANK DONE<25>
605	MBS XSOO BANK DONE<35>
606	MBS XSOO BANK DONE<45>
607	MBS XSOO BANK DONE<32>
608	MBS XSOO BANK DONE<32>
609	MBS XSOO BANK DONE<37>
610	MBS XSOO BANK DONE<35>
611	MBS XSOO BANK DONE<35>
612	MBS XSOO BANK DONE<10>
613	MBS XSOO BANK DONE<11>
614	MBS XSOO BANK DONE<12>
615	MBS XSOO BANK DONE<13>
616	MBS XSOO BANK DONE<14>
617	MBS XSOO BANK DONE<15>
618	XSOO MBS REF REQ
619	XSOO MBS HDY
620	XC SP5 SCAN CILL<2>
621	SP5 XC HARD ERROR
622	XC SP5 CC STATUS EN
623	XC SP5 MI COMP
624	XC SP5 TRAP COMP
625	XC SP5 TRAP TYPE<30>
626	XC SP5 TRAP TYPE<12>
627	VP5 XC HARD ERROR
628	XC SP5 TRAP VECI<30>
629	XC SP5 TRAP VECI<31>
630	XC SP5 TRAP VECI<32>
631	XC SP5 TRAP VECI<33>
632	XC SP5 TRAP VECI<34>
633	XC SP5 TRAP VECI<35>
634	SP5 XSTIO WR DATA<15>
635	SP5 XSTIO WR DATA<26>
636	SP5 XSTIO WR DATA<32>
637	SP5 XSTIO WR DATA<42>
638	SP5 XSTIO WR DATA<32>
639	SP5 XSTIO WR DATA<32>
640	SP5 XSTIO WR DATA<10>
641	XSOO SP5 A SI PEND
642	XSOO SP5 A HEO PEND
643	XSOO SP5 B HEO NEXT
644	XRO SPS RD DATA<32>
645	XRO SPS RD DATA<32>
646	XRO SPS RD DATA<45>
647	XRO SPS RD DATA<10>
648	XRO SPS RD DATA<11>
649	XRO SPS RD DATA<12>
650	XRO SPS RD DATA<32>
651	XRO SPS RD DATA<32>

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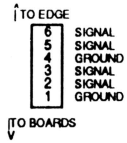
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TITLE: XBP	ABBR: XBP
DRAWING: 411-000252-300A Rev 0.0	ENGR: GOLEMBESKI
REVISED: Wed Mar 28 17:49:48 1990	PAGE: 58

8 7 6 5 4 3 2 1

DUPONT-204
 XBAR BACKPLANE TYPE (45 DEGREE ROTATION, PIN ESCAPES)
 J53 IP



GROUND ALL PINS ON THESE TWO ROWS!

201	XS0E MB5 ADDR<5>
202	XS0E MB5 ADDR<6>
203	XS0E MB5 CYCLE<1>
204	XS0E MB5 ADDR<3>
205	XS0E MB5 ADDR<4>
206	XS0E MB5 ADDR<8>
207	XS0E MB5 ADDR<9>
208	XS0E MB5 ADDR<10>
209	XS0E MB5 ADDR<11>
210	XS0E MB5 ADDR<12>
211	XS0E MB5 ADDR<13>
212	XS0E MB5 ADDR<14>
213	XS1E MB5 WR DATA<14>
214	XS1E MB5 WR DATA<15>
215	XS1E MB5 WR DATA<16>
216	XS1E MB5 WR DATA<23>
217	XS1E MB5 WR DATA<23>
218	XS1E MB5 WR DATA<24>
219	XS1E MB5 WR DATA<30>
220	XS1E MB5 WR DATA<31>
221	XS1E MB5 CIL PAR<2>
222	XS1E MB5 CIL PAR<3>
223	XS1E MB5 WR DATA<18>
224	XS1E MB5 WR DATA<19>
225	XS1E MB5 WR DATA<20>
226	
227	
228	SP5 XS1E WR DATA<15>
229	SP5 XS1E WR DATA<21>
230	SP5 XS1E WR DATA<22>
231	SP5 XS1E WR DATA<23>
232	SP5 XS1E WR DATA<23>
233	SP5 XS1E WR DATA<30>
234	SP5 XS1E WR DATA<31>
235	SP5 XS1E CIL PAR<2>
236	SP5 XS1E CIL PAR<3>
237	SP5 XS1E WR DATA<18>
238	SP5 XS1E WR DATA<19>
239	SP5 XS1E WR DATA<20>
240	SP5 XS0E ADDR<3>
241	SP5 XS0E ADDR<4>
242	SP5 XS0E ADDR<8>
243	SP5 XS0E ADDR<9>
244	SP5 XS0E CYCLE<1>
245	SP5 XS0E ADDR<3>
246	SP5 XS0E ADDR<9>
247	SP5 XS0E ADDR<10>
248	SP5 XS0E ADDR<11>
249	SP5 XS0E ADDR<12>
250	SP5 XS0E ADDR<13>
251	SP5 XS0E ADDR<14>

301	XS00 MB5 ADDR<5>
302	XS00 MB5 ADDR<6>
303	XS00 MB5 CYCLE<1>
304	XS00 MB5 ADDR<3>
305	XS00 MB5 ADDR<4>
306	XS00 MB5 ADDR<8>
307	XS00 MB5 ADDR<9>
308	XS00 MB5 ADDR<10>
309	XS00 MB5 ADDR<11>
310	XS00 MB5 ADDR<12>
311	XS00 MB5 ADDR<13>
312	XS00 MB5 ADDR<14>
313	XS10 MB5 WR DATA<14>
314	XS10 MB5 WR DATA<15>
315	XS10 MB5 WR DATA<16>
316	XS10 MB5 WR DATA<23>
317	XS10 MB5 WR DATA<23>
318	XS10 MB5 WR DATA<24>
319	XS10 MB5 WR DATA<30>
320	XS10 MB5 WR DATA<31>
321	XS10 MB5 CIL PAR<2>
322	XS10 MB5 CIL PAR<3>
323	XS10 MB5 WR DATA<18>
324	XS10 MB5 WR DATA<19>
325	XS10 MB5 WR DATA<20>
326	
327	
328	SP5 XS10 WR DATA<15>
329	SP5 XS10 WR DATA<21>
330	SP5 XS10 WR DATA<22>
331	SP5 XS10 WR DATA<23>
332	SP5 XS10 WR DATA<23>
333	SP5 XS10 WR DATA<30>
334	SP5 XS10 WR DATA<31>
335	SP5 XS10 CIL PAR<2>
336	SP5 XS10 CIL PAR<3>
337	SP5 XS10 WR DATA<18>
338	SP5 XS10 WR DATA<19>
339	SP5 XS10 WR DATA<20>
340	SP5 XS00 ADDR<3>
341	SP5 XS00 ADDR<4>
342	SP5 XS00 ADDR<8>
343	SP5 XS00 ADDR<9>
344	SP5 XS00 CYCLE<1>
345	SP5 XS00 ADDR<3>
346	SP5 XS00 ADDR<9>
347	SP5 XS00 ADDR<10>
348	SP5 XS00 ADDR<11>
349	SP5 XS00 ADDR<12>
350	SP5 XS00 ADDR<13>
351	SP5 XS00 ADDR<14>

501	MB5 XRE RD DATA<7>
502	MB5 XRE RD DATA<13>
503	MB5 XRE RD DATA<14>
504	MB5 XRE RD DATA<15>
505	MB5 XRE RD DATA<21>
506	MB5 XRE RD DATA<22>
507	MB5 XRE RD DATA<23>
508	MB5 XRE RD DATA<29>
509	XS0E MB5 CYCLE<5>
510	XS0E MB5 ADDR<7>
511	XS1E MB5 WR DATA<11>
512	XS1E MB5 WR DATA<12>
513	XS1E MB5 CIL PAR<0>
514	XS1E MB5 WR DATA<15>
515	XS1E MB5 WR DATA<22>
516	XS1E MB5 WR DATA<30>
517	XS1E MB5 WR DATA<31>
518	XS1E MB5 WR DATA<32>
519	XC MB5 SCAN IN
520	MB5 XC STOP ERROR
521	XC MB5 SYS RUN
522	SP5 XS1E WR DATA<11>
523	SP5 XS1E WR DATA<12>
524	SP5 XS1E CIL PAR<0>
525	SP5 XS1E WR DATA<15>
526	SP5 XS1E WR DATA<22>
527	SP5 XS1E WR DATA<30>
528	SP5 XS1E WR DATA<31>
529	SP5 XS1E WR DATA<32>
530	SP5 XS10 WR DATA<14>
531	SP5 XS00 RD SEL<0>
532	SP5 XS00 RD SEL<1>
533	SP5 XS00 RD SEL<2>
534	SP5 XS00 RD SEL<3>
535	SP5 XS0E RDT
536	XS0E SP5 B ST PEND
537	XS0E SP5 B REQ PEND
538	XS0E SP5 A REQ NEAT
539	SP5 XS0E CYCLE<0>
540	SP5 XS0E ADDR<3>
541	XRE SP5 RD DATA<7>
542	XRE SP5 RD DATA<13>
543	XRE SP5 RD DATA<14>
544	XRE SP5 RD DATA<15>
545	XRE SP5 RD DATA<21>
546	XRE SP5 RD DATA<22>
547	XRE SP5 RD DATA<23>
548	XRE SP5 RD DATA<29>
549	XC SP5 SCAN IN
550	SP5 XC SCAN OUT
551	SP5 XC STOP CNTH

601	MB5 XRO RD DATA<7>
602	MB5 XRO RD DATA<13>
603	MB5 XRO RD DATA<14>
604	MB5 XRO RD DATA<15>
605	MB5 XRO RD DATA<21>
606	MB5 XRO RD DATA<22>
607	MB5 XRO RD DATA<23>
608	MB5 XRO RD DATA<29>
609	XS00 MB5 CYCLE<5>
610	XS00 MB5 ADDR<7>
611	XS10 MB5 WR DATA<11>
612	XS10 MB5 WR DATA<12>
613	XS10 MB5 CIL PAR<0>
614	XS10 MB5 WR DATA<15>
615	XS10 MB5 WR DATA<22>
616	XS10 MB5 WR DATA<30>
617	XS10 MB5 WR DATA<31>
618	XS10 MB5 WR DATA<32>
619	XC MB5 SCAN OUT
620	XC MB5 LOG RUN
621	XC MB5 HLM HFSH
622	SP5 XS10 WR DATA<11>
623	SP5 XS10 WR DATA<12>
624	SP5 XS10 CIL PAR<0>
625	SP5 XS10 WR DATA<15>
626	SP5 XS10 WR DATA<22>
627	SP5 XS10 WR DATA<30>
628	SP5 XS10 WR DATA<31>
629	SP5 XS10 WR DATA<32>
630	SP5 XS10 WR DATA<14>
631	SP5 XS00 RD SEL<0>
632	SP5 XS00 RD SEL<1>
633	SP5 XS00 RD SEL<2>
634	SP5 XS00 RD SEL<3>
635	SP5 XS0E RDT
636	XS00 SP5 B ST PEND
637	XS00 SP5 B REQ PEND
638	XS00 SP5 A REQ NEAT
639	SP5 XS00 CYCLE<0>
640	SP5 XS00 ADDR<3>
641	XRO SP5 RD DATA<7>
642	XRO SP5 RD DATA<13>
643	XRO SP5 RD DATA<14>
644	XRO SP5 RD DATA<15>
645	XRO SP5 RD DATA<21>
646	XRO SP5 RD DATA<22>
647	XRO SP5 RD DATA<23>
648	XRO SP5 RD DATA<29>
649	XC VP5 SCAN IN
650	VP5 XC SCAN OUT
651	

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GNDIG GNDIG

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TITLE: XBP
 DRAWING: 411-000252-300A Rev 0.0
 REVISED: Wed Mar 28 17:51:26 1990

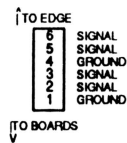
ABBR: XBP
 ENGR: GOLENBIESKI

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8 7 6 3 2 1

8 7 6 5 4 3 2 1

DUPONT-204
XBAR BACKPLANE TYPE
J61 1P



201	XRE SP6 RD PAR<3>
202	XRE SP6 RD PAR<2>
203	XRE SP6 RD DATA<25>
204	XRE SP6 RD DATA<24>
205	XRE SP6 RD DATA<17>
206	XRE SP6 RD DATA<18>
207	SP6 XS0E ADDR<28>
208	SP6 XS0E ADDR<27>
209	SP6 XS0E ADDR<26>
210	SP6 XS0E ADDR<25>
211	SP6 XS0E ADDR<24>
212	SP6 XS0E ADDR<23>
213	SP6 XS0E ADDR<22>
214	SP6 XST1E WR ZONE<35>
215	SP6 XST1E WR ZONE<34>
216	SP6 XST1E WR PAR<35>
217	SP6 XST1E WR PAR<25>
218	SP6 XST1E CIL PAR<34>
219	SP6 XST1E SPARE1
220	SP6 XST1E SPARE1
221	SP6 XS0E SPARE1
222	SP6 XS0E SPARE1
223	XRE SP6 SPARE1
224	XRE SP6 SPARE1
225	XC SP6 SPARE1
226	XC SP6 SPARE1
227	MB6 XRE SPARE1
228	MB6 XRE SPARE1
229	XS0E MB6 SPARE1
230	XS0E MB6 SPARE1
231	XST1E MB6 SPARE1
232	XST1E MB6 SPARE1
233	MB6 XST1E SEND PAR EHH
234	XST1E MB6 WR ZONE<35>
235	XST1E MB6 WR ZONE<25>
236	XST1E MB6 WR PAR<35>
237	XST1E MB6 WR PAR<25>
238	XST1E MB6 CIL PAR<34>
239	XS0E MB6 ADDR<28>
240	XS0E MB6 ADDR<27>
241	XS0E MB6 ADDR<26>
242	XS0E MB6 ADDR<25>
243	XS0E MB6 ADDR<24>
244	XS0E MB6 ADDR<23>
245	XS0E MB6 ADDR<22>
246	MB6 XRE RD PAR<35>
247	MB6 XRE RD PAR<25>
248	MB6 XRE RD DATA<25>
249	MB6 XRE RD DATA<24>
250	MB6 XRE RD DATA<17>
251	MB6 XRE RD DATA<18>

301	XRO SP6 RD PAR<3>
302	XRO SP6 RD PAR<2>
303	XRO SP6 RD DATA<25>
304	XRO SP6 RD DATA<24>
305	XRO SP6 RD DATA<17>
306	XRO SP6 RD DATA<18>
307	SP6 XS00 ADDR<28>
308	SP6 XS00 ADDR<27>
309	SP6 XS00 ADDR<26>
310	SP6 XS00 ADDR<25>
311	SP6 XS00 ADDR<24>
312	SP6 XS00 ADDR<23>
313	SP6 XS00 ADDR<22>
314	SP6 XST10 WR ZONE<35>
315	SP6 XST10 WR ZONE<25>
316	SP6 XST10 WR PAR<35>
317	SP6 XST10 WR PAR<25>
318	SP6 XST10 CIL PAR<34>
319	SP6 XST10 SPARE1
320	SP6 XST10 SPARE1
321	SP6 XS00 SPARE1
322	SP6 XS00 SPARE1
323	XRO SP6 SPARE1
324	XRO SP6 SPARE1
325	XC SP6 SPARE1
326	XC SP6 SPARE1
327	MB6 XRO SPARE1
328	MB6 XRO SPARE1
329	XS00 MB6 SPARE1
330	XS00 MB6 SPARE1
331	XST10 MB6 SPARE1
332	XST10 MB6 SPARE1
333	MB6 XST10 SEND PAR EHH
334	XST10 MB6 WR ZONE<35>
335	XST10 MB6 WR ZONE<25>
336	XST10 MB6 WR PAR<35>
337	XST10 MB6 WR PAR<25>
338	XST10 MB6 CIL PAR<34>
339	XS00 MB6 ADDR<28>
340	XS00 MB6 ADDR<27>
341	XS00 MB6 ADDR<26>
342	XS00 MB6 ADDR<25>
343	XS00 MB6 ADDR<24>
344	XS00 MB6 ADDR<23>
345	XS00 MB6 ADDR<22>
346	MB6 XRO RD PAR<35>
347	MB6 XRO RD PAR<25>
348	MB6 XRO RD DATA<25>
349	MB6 XRO RD DATA<24>
350	MB6 XRO RD DATA<17>
351	MB6 XRO RD DATA<18>

501	BP BP PORTID 6<1>
502	BP BP PORTID 6<2>
503	
504	
505	
506	
507	
508	SP6 XRE HIN PAR EHH
509	XRE SP6 RD DATA<32>
510	XRE SP6 RD DATA<35>
511	XRE SP6 RD DATA<15>
512	XRE SP6 RD DATA<02>
513	XRE SP6 RD PAR<12>
514	XRE SP6 RD PAR<02>
515	XRE SP6 RD HOY
516	SP6 XST1E WR DATA<02>
517	SP6 XST1E WR PAR<15>
518	SP6 XST1E WR PAR<05>
519	SP6 XST1E WR ZONE<12>
520	SP6 XST1E WR ZONE<32>
521	XC SP6 SCAN CIL<12>
522	XC SP6 SCAN CIL<05>
523	MB6 XRE RD DATA<32>
524	MB6 XRE RD DATA<35>
525	MB6 XRE RD DATA<12>
526	MB6 XRE RD DATA<112>
527	MB6 XRE RD DATA<102>
528	MB6 XRE RD DATA<45>
529	MB6 XRE RD DATA<35>
530	MB6 XRE RD DATA<22>
531	XC MB6 SCAN CIL<15>
532	XC MB6 SCAN CIL<32>
533	XST1E MB6 WR DATA<102>
534	XST1E MB6 WR DATA<12>
535	XST1E MB6 WR DATA<35>
536	XST1E MB6 WR DATA<22>
537	XST1E MB6 WR DATA<32>
538	XST1E MB6 WR DATA<32>
539	XST1E MB6 WR DATA<12>
540	XST1E MB6 WR DATA<02>
541	XST1E MB6 WR PAR<12>
542	XST1E MB6 WR PAR<02>
543	XST1E MB6 WR ZONE<12>
544	XST1E MB6 WR ZONE<32>
545	MB6 XRE RD DATA<32>
546	MB6 XRE RD DATA<35>
547	MB6 XRE RD DATA<15>
548	MB6 XRE RD DATA<02>
549	MB6 XRE RD PAR<12>
550	MB6 XRE RD PAR<02>
551	MB6 XRE RD HOY

601	BP BP PORTID 6<1>
602	BP BP PORTID 6<2>
603	XC IAR RESET
604	IAR XC SOFT ERROR
605	
606	
607	XC VP6 SCAN CIL<22>
608	SP6 XRO HIN PAR EHH
609	XRO SP6 RD DATA<32>
610	XRO SP6 RD DATA<35>
611	XRO SP6 RD DATA<15>
612	XRO SP6 RD DATA<02>
613	XRO SP6 RD PAR<12>
614	XRO SP6 RD PAR<02>
615	XRO SP6 RD HOY
616	SP6 XST10 WR DATA<02>
617	SP6 XST10 WR PAR<15>
618	SP6 XST10 WR PAR<05>
619	SP6 XST10 WR ZONE<12>
620	SP6 XST10 WR ZONE<32>
621	XC VP6 SCAN CIL<12>
622	XC VP6 SCAN CIL<05>
623	MB6 XRO RD DATA<32>
624	MB6 XRO RD DATA<35>
625	MB6 XRO RD DATA<12>
626	MB6 XRO RD DATA<112>
627	MB6 XRO RD DATA<102>
628	MB6 XRO RD DATA<45>
629	MB6 XRO RD DATA<35>
630	MB6 XRO RD DATA<22>
631	
632	MB6 XC HAHU EHHOH
633	XST10 MB6 WR DATA<102>
634	XST10 MB6 WR DATA<12>
635	XST10 MB6 WR DATA<35>
636	XST10 MB6 WR DATA<22>
637	XST10 MB6 WR DATA<32>
638	XST10 MB6 WR DATA<32>
639	XST10 MB6 WR DATA<12>
640	XST10 MB6 WR DATA<02>
641	XST10 MB6 WR PAR<12>
642	XST10 MB6 WR PAR<02>
643	XST10 MB6 WR ZONE<12>
644	XST10 MB6 WR ZONE<32>
645	MB6 XRO RD DATA<32>
646	MB6 XRO RD DATA<35>
647	MB6 XRO RD DATA<15>
648	MB6 XRO RD DATA<02>
649	MB6 XRO RD PAR<12>
650	MB6 XRO RD PAR<02>
651	MB6 XRO RD HOY

GROUND ALL PINS
ON THESE TWO ROWS!

101		401
102		402
103		403
104		404
105		405
106		406
107		407
108		408
109		409
110		410
111		411
112		412
113		413
114		414
115		415
116		416
117		417
118		418
119		419
120		420
121		421
122		422
123		423
124		424
125		425
126		426
127		427
128		428
129		429
130		430
131		431
132		432
133		433
134		434
135		435
136		436
137		437
138		438
139		439
140		440
141		441
142		442
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151		451

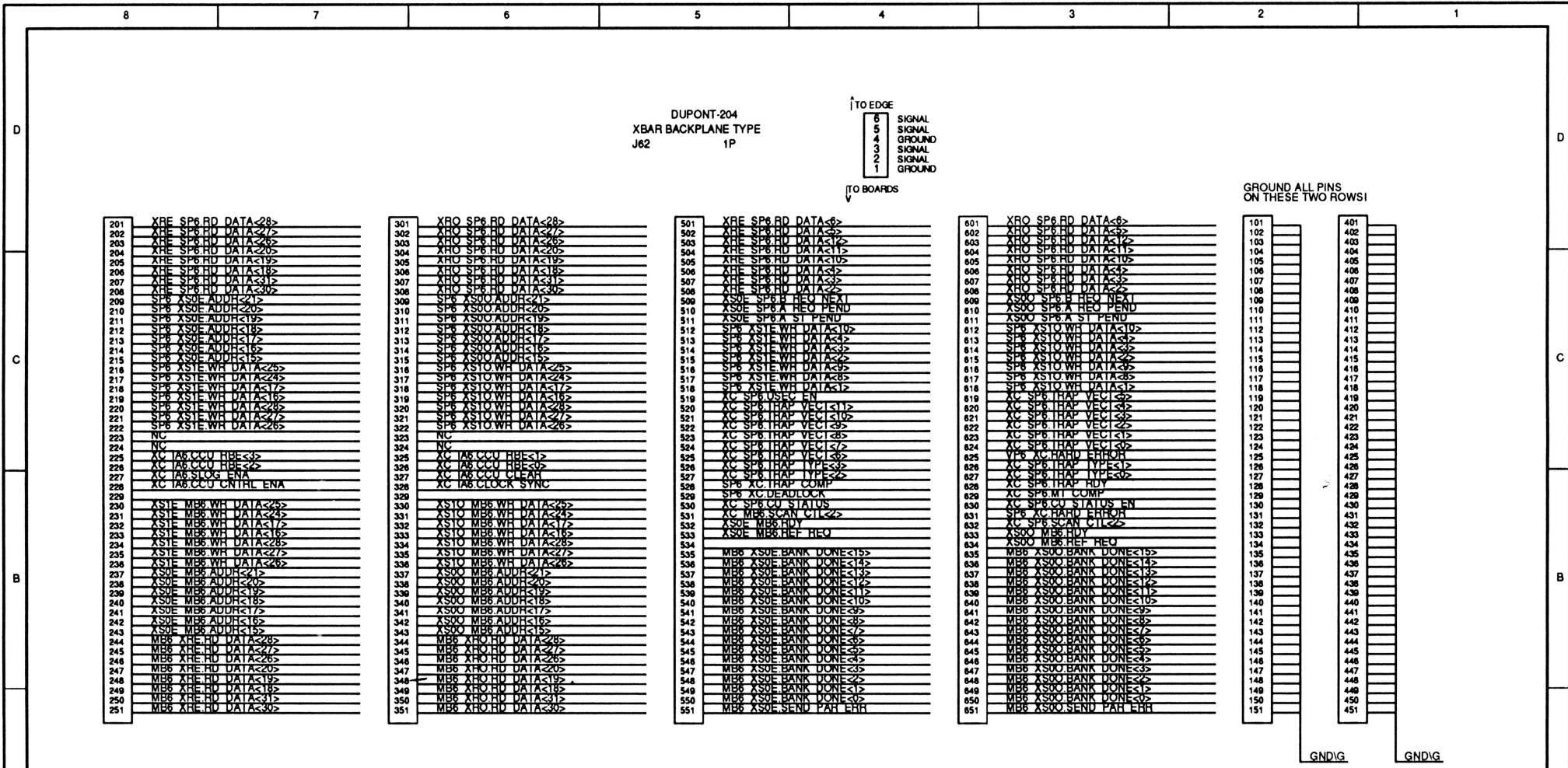
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TITLE: XBP	ABBR: XBP
DRAWING: 411-000252-300A Rev 0.0	ENGR: GOLENBIESKI
REVISED: Wed Mar 28 17:27:12 1990	PAGE: 60

8 7 6 3 2 1



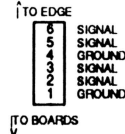
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TITLE: XBP
 DRAWING: 411-000252-300A Rev 0.0
 REVISED: Wed Mar 28 17:30:44 1990
 ABBR: XBP
 ENGR: GOLENBIESKI
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8 7 6 5 4 3 2 1

DUPONT-204
XBAR BACKPLANE TYPE
J63 1P



GROUND ALL PINS
ON THESE TWO ROWS!

201	SP6 XS0E ADDR<14>
202	SP6 XS0E ADDR<13>
203	SP6 XS0E ADDR<12>
204	SP6 XS0E ADDR<11>
205	SP6 XS0E ADDR<10>
206	SP6 XS0E ADDR<9>
207	SP6 XS0E ADDR<8>
208	SP6 XS0E CYCL<31>
209	SP6 XS0E ADDR<8>
210	SP6 XS0E ADDR<5>
211	SP6 XS0E ADDR<4>
212	SP6 XS0E ADDR<3>
213	SP6 XS0E ADDR<2>
214	SP6 XS0E ADDR<1>
215	SP6 XS0E ADDR<18>
216	SP6 XS0E ADDR<17>
217	SP6 XS0E ADDR<16>
218	SP6 XS0E ADDR<15>
219	SP6 XS0E ADDR<14>
220	SP6 XS0E ADDR<13>
221	SP6 XS0E ADDR<12>
222	SP6 XS0E ADDR<11>
223	SP6 XS0E ADDR<10>
224	SP6 XS0E ADDR<9>
225	SP6 XS0E ADDR<8>
226	SP6 XS0E ADDR<7>
227	AS10 MB6 WR DATA<20>
228	AS10 MB6 WR DATA<19>
229	AS10 MB6 WR DATA<18>
230	AS10 MB6 CIL PAR<3>
231	AS10 MB6 CIL PAR<2>
232	AS10 MB6 WR DATA<31>
233	AS10 MB6 WR DATA<30>
234	AS10 MB6 WR DATA<29>
235	AS10 MB6 WR DATA<28>
236	AS10 MB6 WR DATA<27>
237	AS10 MB6 WR DATA<26>
238	AS10 MB6 WR DATA<25>
239	AS10 MB6 WR DATA<24>
240	AS00 MB6 ADDR<14>
241	AS00 MB6 ADDR<13>
242	AS00 MB6 ADDR<12>
243	AS00 MB6 ADDR<11>
244	AS00 MB6 ADDR<10>
245	AS00 MB6 ADDR<9>
246	AS00 MB6 ADDR<8>
247	AS00 MB6 ADDR<7>
248	AS00 MB6 ADDR<6>
249	AS00 MB6 CYCL<1>
250	AS00 MB6 ADDR<6>
251	AS00 MB6 ADDR<5>

301	SP6 XS00 ADDR<14>
302	SP6 XS00 ADDR<13>
303	SP6 XS00 ADDR<12>
304	SP6 XS00 ADDR<11>
305	SP6 XS00 ADDR<10>
306	SP6 XS00 ADDR<9>
307	SP6 XS00 ADDR<8>
308	SP6 XS00 CYCL<31>
309	SP6 XS00 ADDR<8>
310	SP6 XS00 ADDR<5>
311	SP6 XS00 ADDR<4>
312	SP6 XS00 ADDR<3>
313	SP6 XS00 ADDR<2>
314	SP6 XS00 ADDR<1>
315	SP6 XS00 ADDR<18>
316	SP6 XS00 ADDR<17>
317	SP6 XS00 ADDR<16>
318	SP6 XS00 ADDR<15>
319	SP6 XS00 ADDR<14>
320	SP6 XS00 ADDR<13>
321	SP6 XS00 ADDR<12>
322	SP6 XS00 ADDR<11>
323	SP6 XS00 ADDR<10>
324	SP6 XS00 ADDR<9>
325	SP6 XS00 ADDR<8>
326	SP6 XS00 ADDR<7>
327	AS10 MB6 WR DATA<20>
328	AS10 MB6 WR DATA<19>
329	AS10 MB6 WR DATA<18>
330	AS10 MB6 CIL PAR<3>
331	AS10 MB6 CIL PAR<2>
332	AS10 MB6 WR DATA<31>
333	AS10 MB6 WR DATA<30>
334	AS10 MB6 WR DATA<29>
335	AS10 MB6 WR DATA<28>
336	AS10 MB6 WR DATA<27>
337	AS10 MB6 WR DATA<26>
338	AS10 MB6 WR DATA<25>
339	AS10 MB6 WR DATA<24>
340	AS00 MB6 ADDR<14>
341	AS00 MB6 ADDR<13>
342	AS00 MB6 ADDR<12>
343	AS00 MB6 ADDR<11>
344	AS00 MB6 ADDR<10>
345	AS00 MB6 ADDR<9>
346	AS00 MB6 ADDR<8>
347	AS00 MB6 ADDR<7>
348	AS00 MB6 ADDR<6>
349	AS00 MB6 CYCL<1>
350	AS00 MB6 ADDR<6>
351	AS00 MB6 ADDR<5>

501	SP6 XC STOP CNTR
502	SP6 XC SCAN OUT
503	SP6 XC SCAN IN
504	XHE SP6 RD DATA<29>
505	XHE SP6 RD DATA<28>
506	XHE SP6 RD DATA<27>
507	XHE SP6 RD DATA<26>
508	XHE SP6 RD DATA<25>
509	XHE SP6 RD DATA<24>
510	XHE SP6 RD DATA<23>
511	XHE SP6 RD DATA<22>
512	XHE SP6 RD DATA<21>
513	SP6 XS0E ADDR<7>
514	AS00 SP6 A HEO NEX1
515	AS00 SP6 B HEO PEND
516	AS00 SP6 B ST PEND
517	SP6 XS0E RDY
518	SP6 XS0E BU SEL<3>
519	SP6 XS0E BU SEL<2>
520	SP6 XS0E BU SEL<1>
521	SP6 XS0E BU SEL<0>
522	SP6 XS0E ADDR<14>
523	SP6 XS0E ADDR<13>
524	SP6 XS0E ADDR<12>
525	SP6 XS0E ADDR<11>
526	SP6 XS0E ADDR<10>
527	SP6 XS0E ADDR<9>
528	SP6 XS0E ADDR<8>
529	SP6 XS0E ADDR<7>
530	SP6 XS0E ADDR<6>
531	-XC MB6 SYS HUN
532	MB6 XC SOFT FERRH
533	XC MB6 SCAN IN
534	AS10 MB6 WR DATA<13>
535	AS10 MB6 WR DATA<12>
536	AS10 MB6 WR DATA<11>
537	AS10 MB6 WR DATA<10>
538	AS10 MB6 WR DATA<9>
539	AS10 MB6 WR DATA<8>
540	AS10 MB6 WR DATA<7>
541	AS10 MB6 WR DATA<6>
542	AS10 MB6 WR DATA<5>
543	AS10 MB6 WR DATA<4>
544	MB6 XHE RD DATA<29>
545	MB6 XHE RD DATA<28>
546	MB6 XHE RD DATA<27>
547	MB6 XHE RD DATA<26>
548	MB6 XHE RD DATA<25>
549	MB6 XHE RD DATA<24>
550	MB6 XHE RD DATA<23>
551	MB6 XHE RD DATA<22>

601	VP6 XC SCAN OUT
602	VP6 XC SCAN IN
603	XHO VP6 SCAN IN
604	XHO SP6 RD DATA<29>
605	XHO SP6 RD DATA<28>
606	XHO SP6 RD DATA<27>
607	XHO SP6 RD DATA<26>
608	XHO SP6 RD DATA<25>
609	XHO SP6 RD DATA<24>
610	XHO SP6 RD DATA<23>
611	XHO SP6 RD DATA<22>
612	SP6 XS00 ADDR<7>
613	SP6 XS00 CYCL<0>
614	AS00 SP6 A HEO NEX1
615	AS00 SP6 B HEO PEND
616	AS00 SP6 B ST PEND
617	SP6 XS00 RDY
618	SP6 XS00 BU SEL<3>
619	SP6 XS00 BU SEL<2>
620	SP6 XS00 BU SEL<1>
621	SP6 XS00 BU SEL<0>
622	SP6 XS00 ADDR<14>
623	SP6 XS00 ADDR<13>
624	SP6 XS00 ADDR<12>
625	SP6 XS00 ADDR<11>
626	SP6 XS00 ADDR<10>
627	SP6 XS00 ADDR<9>
628	SP6 XS00 ADDR<8>
629	SP6 XS00 ADDR<7>
630	SP6 XS00 ADDR<6>
631	-XC MB6 LOG HUN
632	XC MB6 HAM HFSH
633	MB6 XC SCAN OUT
634	AS10 MB6 WR DATA<13>
635	AS10 MB6 WR DATA<12>
636	AS10 MB6 WR DATA<11>
637	AS10 MB6 WR DATA<10>
638	AS10 MB6 WR DATA<9>
639	AS10 MB6 WR DATA<8>
640	AS10 MB6 WR DATA<7>
641	AS10 MB6 WR DATA<6>
642	AS00 MB6 ADDR<7>
643	AS00 MB6 CYCL<0>
644	MB6 XHO RD DATA<29>
645	MB6 XHO RD DATA<28>
646	MB6 XHO RD DATA<27>
647	MB6 XHO RD DATA<26>
648	MB6 XHO RD DATA<25>
649	MB6 XHO RD DATA<24>
650	MB6 XHO RD DATA<23>
651	MB6 XHO RD DATA<22>

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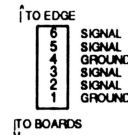


TITLE: XBP	ABBR: XBP
DRAWING: 411-000252-300A Rev 0.0	ENGR: GOLEMBESKI
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8 7 6 5 4 3 2 1



DUPONT-204
XBAR BACKPLANE TYPE
J71 1P



GROUND ALL PINS
ON THESE TWO ROWS

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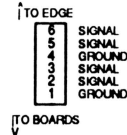
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ABBR: XBP
ENGR: GOLENBIESKI

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8 7 6 5 4 3 2 1

DUPONT-204
XBAR BACKPLANE TYPE
J72 1P



GROUND ALL PINS
ON THESE TWO ROWS!

201	MB7 XRE RD DATA<30>
202	MB7 XRE RD DATA<31>
203	MB7 XRE RD DATA<18>
204	MB7 XRE RD DATA<19>
205	MB7 XRE RD DATA<20>
206	MB7 XRE RD DATA<26>
207	MB7 XRE RD DATA<27>
208	MB7 XRE RD DATA<28>
209	XSOE MB7 ADDR<15>
210	XSOE MB7 ADDR<16>
211	XSOE MB7 ADDR<17>
212	XSOE MB7 ADDR<18>
213	XSOE MB7 ADDR<19>
214	XSOE MB7 ADDR<20>
215	XSOE MB7 ADDR<21>
216	AS1E MB7 WR DATA<26>
217	AS1E MB7 WR DATA<27>
218	AS1E MB7 WR DATA<28>
219	AS1E MB7 WR DATA<16>
220	AS1E MB7 WR DATA<17>
221	AS1E MB7 WR DATA<24>
222	AS1E MB7 WR DATA<25>
223	NC
224	XC IA/CCU CNTRL ENA
225	XC IA/SLOG ENA
226	XC IA/CCU RBE<2>
227	XC IA/CCU RBE<3>
228	NC
229	NC
230	SP7 XSTIE WR DATA<26>
231	SP7 XSTIE WR DATA<27>
232	SP7 XSTIE WR DATA<28>
233	SP7 XSTIE WR DATA<16>
234	SP7 XSTIE WR DATA<17>
235	SP7 XSTIE WR DATA<24>
236	SP7 XSTIE WR DATA<25>
237	SP7 XSOE ADDR<15>
238	SP7 XSOE ADDR<16>
239	SP7 XSOE ADDR<17>
240	SP7 XSOE ADDR<18>
241	SP7 XSOE ADDR<19>
242	SP7 XSOE ADDR<20>
243	SP7 XSOE ADDR<21>
244	XRE SP7/RD DATA<30>
245	XRE SP7/RD DATA<31>
246	XRE SP7/RD DATA<18>
247	XRE SP7/RD DATA<19>
248	XRE SP7/RD DATA<20>
249	XRE SP7/RD DATA<26>
250	XRE SP7/RD DATA<27>
251	XRE SP7/RD DATA<28>

301	MB7 XRO RD DATA<30>
302	MB7 XRO RD DATA<31>
303	MB7 XRO RD DATA<18>
304	MB7 XRO RD DATA<19>
305	MB7 XRO RD DATA<20>
306	MB7 XRO RD DATA<26>
307	MB7 XRO RD DATA<27>
308	MB7 XRO RD DATA<28>
309	XSOO MB7 ADDR<15>
310	XSOO MB7 ADDR<16>
311	XSOO MB7 ADDR<17>
312	XSOO MB7 ADDR<18>
313	XSOO MB7 ADDR<19>
314	XSOO MB7 ADDR<20>
315	XSOO MB7 ADDR<21>
316	AS10 MB7 WR DATA<26>
317	AS10 MB7 WR DATA<27>
318	AS10 MB7 WR DATA<28>
319	AS10 MB7 WR DATA<16>
320	AS10 MB7 WR DATA<17>
321	AS10 MB7 WR DATA<24>
322	AS10 MB7 WR DATA<25>
323	NC
324	XC IA/CCU CLCK SYNC
325	XC IA/CCU CLEAR
326	XC IA/CCU RBE<2>
327	XC IA/CCU RBE<3>
328	NC
329	NC
330	SP7 XSTIO WR DATA<26>
331	SP7 XSTIO WR DATA<27>
332	SP7 XSTIO WR DATA<28>
333	SP7 XSTIO WR DATA<16>
334	SP7 XSTIO WR DATA<17>
335	SP7 XSTIO WR DATA<24>
336	SP7 XSTIO WR DATA<25>
337	SP7 XSOO ADDR<15>
338	SP7 XSOO ADDR<16>
339	SP7 XSOO ADDR<17>
340	SP7 XSOO ADDR<18>
341	SP7 XSOO ADDR<19>
342	SP7 XSOO ADDR<20>
343	SP7 XSOO ADDR<21>
344	XRO SP7/RD DATA<30>
345	XRO SP7/RD DATA<31>
346	XRO SP7/RD DATA<18>
347	XRO SP7/RD DATA<19>
348	XRO SP7/RD DATA<20>
349	XRO SP7/RD DATA<26>
350	XRO SP7/RD DATA<27>
351	XRO SP7/RD DATA<28>

501	MB7 XSOE SEND PAR ERR
502	MB7 XSOE BANK DONE<0>
503	MB7 XSOE BANK DONE<1>
504	MB7 XSOE BANK DONE<2>
505	MB7 XSOE BANK DONE<3>
506	MB7 XSOE BANK DONE<4>
507	MB7 XSOE BANK DONE<5>
508	MB7 XSOE BANK DONE<6>
509	MB7 XSOE BANK DONE<7>
510	MB7 XSOE BANK DONE<8>
511	MB7 XSOE BANK DONE<9>
512	MB7 XSOE BANK DONE<10>
513	MB7 XSOE BANK DONE<11>
514	MB7 XSOE BANK DONE<12>
515	MB7 XSOE BANK DONE<13>
516	MB7 XSOE BANK DONE<14>
517	MB7 XSOE BANK DONE<15>
518	NC
519	XSOE MB7/REF REQ
520	XSOE MB7/RDY
521	XC SP7/SCAN CIL<2>
522	XC SP7/CC STATUS
523	SP7 XC/DEADLOCK
524	SP7 XC/TRAP COMP
525	XC SP7/TRAP TYPE<2>
526	XC SP7/TRAP TYPE<3>
527	XC SP7/TRAP VEC1<2>
528	XC SP7/TRAP VEC1<3>
529	XC SP7/TRAP VEC1<26>
530	XC SP7/TRAP VEC1<27>
531	XC SP7/TRAP VEC1<28>
532	XC SP7/TRAP VEC1<31>
533	XC SP7/USEV EN
534	SP7 XSTIE WR DATA<1>
535	SP7 XSTIE WR DATA<3>
536	SP7 XSTIE WR DATA<2>
537	SP7 XSTIE WR DATA<4>
538	SP7 XSTIE WR DATA<32>
539	SP7 XSTIE WR DATA<33>
540	SP7 XSTIE WR DATA<10>
541	XSOE SP7/A SI PEND
542	XSOE SP7/A REQ PEND
543	XSOE SP7/B REQ NEXT
544	XRE SP7/RD DATA<2>
545	XRE SP7/RD DATA<3>
546	XRE SP7/RD DATA<4>
547	XRE SP7/RD DATA<10>
548	XRE SP7/RD DATA<11>
549	XRE SP7/RD DATA<12>
550	XRE SP7/RD DATA<3>
551	XRE SP7/RD DATA<32>

601	MB7 XSOO SEND PAR ERR
602	MB7 XSOO BANK DONE<0>
603	MB7 XSOO BANK DONE<1>
604	MB7 XSOO BANK DONE<2>
605	MB7 XSOO BANK DONE<3>
606	MB7 XSOO BANK DONE<4>
607	MB7 XSOO BANK DONE<5>
608	MB7 XSOO BANK DONE<6>
609	MB7 XSOO BANK DONE<7>
610	MB7 XSOO BANK DONE<8>
611	MB7 XSOO BANK DONE<9>
612	MB7 XSOO BANK DONE<10>
613	MB7 XSOO BANK DONE<11>
614	MB7 XSOO BANK DONE<12>
615	MB7 XSOO BANK DONE<13>
616	MB7 XSOO BANK DONE<14>
617	MB7 XSOO BANK DONE<15>
618	XC SP7/REF REQ
619	XSOO MB7/RDY
620	XC SP7/SCAN CIL<2>
621	SP7 XC/HARD ERROR
622	XC SP7/CC STATUS EN
623	XC SP7/MI COMP
624	XC SP7/TRAP RDY
625	XC SP7/TRAP TYPE<2>
626	XC SP7/TRAP TYPE<3>
627	XC SP7/TRAP VEC1<2>
628	XC SP7/TRAP VEC1<3>
629	XC SP7/TRAP VEC1<26>
630	XC SP7/TRAP VEC1<27>
631	XC SP7/TRAP VEC1<28>
632	XC SP7/TRAP VEC1<31>
633	XC SP7/USEV<2>
634	SP7 XSTIO WR DATA<1>
635	SP7 XSTIO WR DATA<3>
636	SP7 XSTIO WR DATA<2>
637	SP7 XSTIO WR DATA<4>
638	SP7 XSTIO WR DATA<32>
639	SP7 XSTIO WR DATA<33>
640	SP7 XSTIO WR DATA<10>
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642	XSOO SP7/A REQ PEND
643	XSOO SP7/B REQ NEXT
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649	XRO SP7/RD DATA<12>
650	XRO SP7/RD DATA<3>
651	XRO SP7/RD DATA<32>

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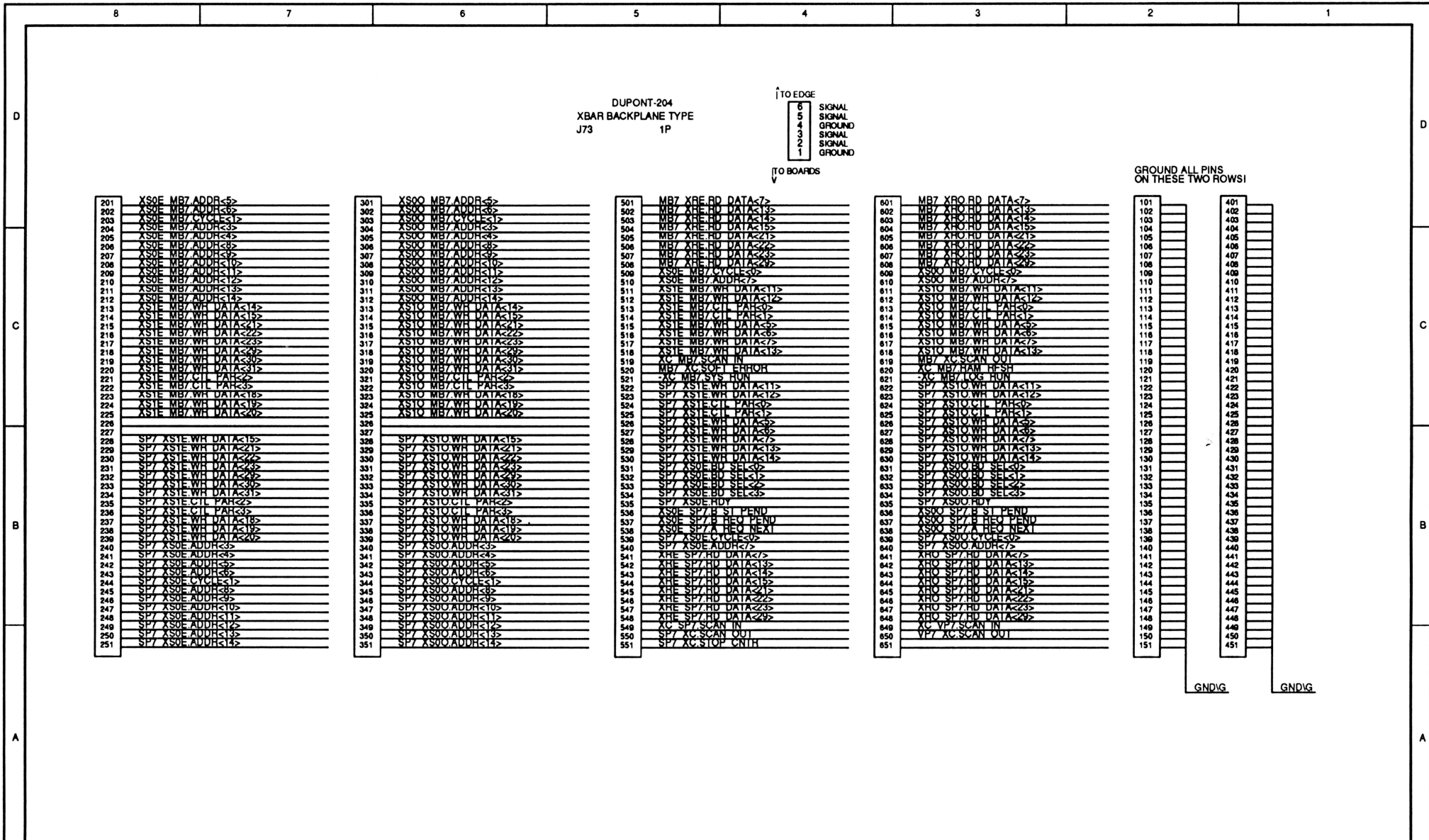
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TITLE: XBP	ABBR: XBP
DRAWING: 411-000252-300A Rev 0.0	ENGR: GOLEMBESKI
REVISED: Wed Mar 28 17:41:29 1990	PAGE: 64

8 7 6 5 4 3 2 1



DUPONT-204
XBAR BACKPLANE TYPE
J73 1P

↑ TO EDGE
6 SIGNAL
5 SIGNAL
4 GROUND
3 SIGNAL
2 SIGNAL
1 GROUND
↓ TO BOARDS

GROUND ALL PINS ON THESE TWO ROWS!

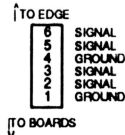
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TITLE: XBP	ABBR: XBP
DRAWING: 411-000252-300A Rev 0.0	ENGR: GOLEMBESKI
REVISED: Wed Mar 28 17:44:34 1990	PAGE: 65

8 7 6 5 4 3 2 1

DUPONT-204
XBAR BACKPLANE TYPE
J81 1P



GROUND ALL PINS
ON THESE TWO ROWS!

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211	CU XC TRAP HDY3
212	CU XC TRAP HDY2
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250	BP BP PORTID 8<2>
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346	XSQE IAB B REQ PEND
347	XSQE IAB A ST PEND
348	XSQE IAB B ST PEND
349	BP BP PORTID 8<1>
350	BP BP PORTID 8<2>
351	IAB XSTIE SPARE0

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546	XRE IAB HD DATA<1>
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549	XRE IAB HD PAR<30>
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551	IAB XSTIE SPARE0

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619	IAB XC HARD EHR0H
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623	XC IAB CCU CNTRL ENA
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649	XRE IAB HD PAR<30>
650	IAB XSTIE SPARE1
651	XRE IAB HD HDY

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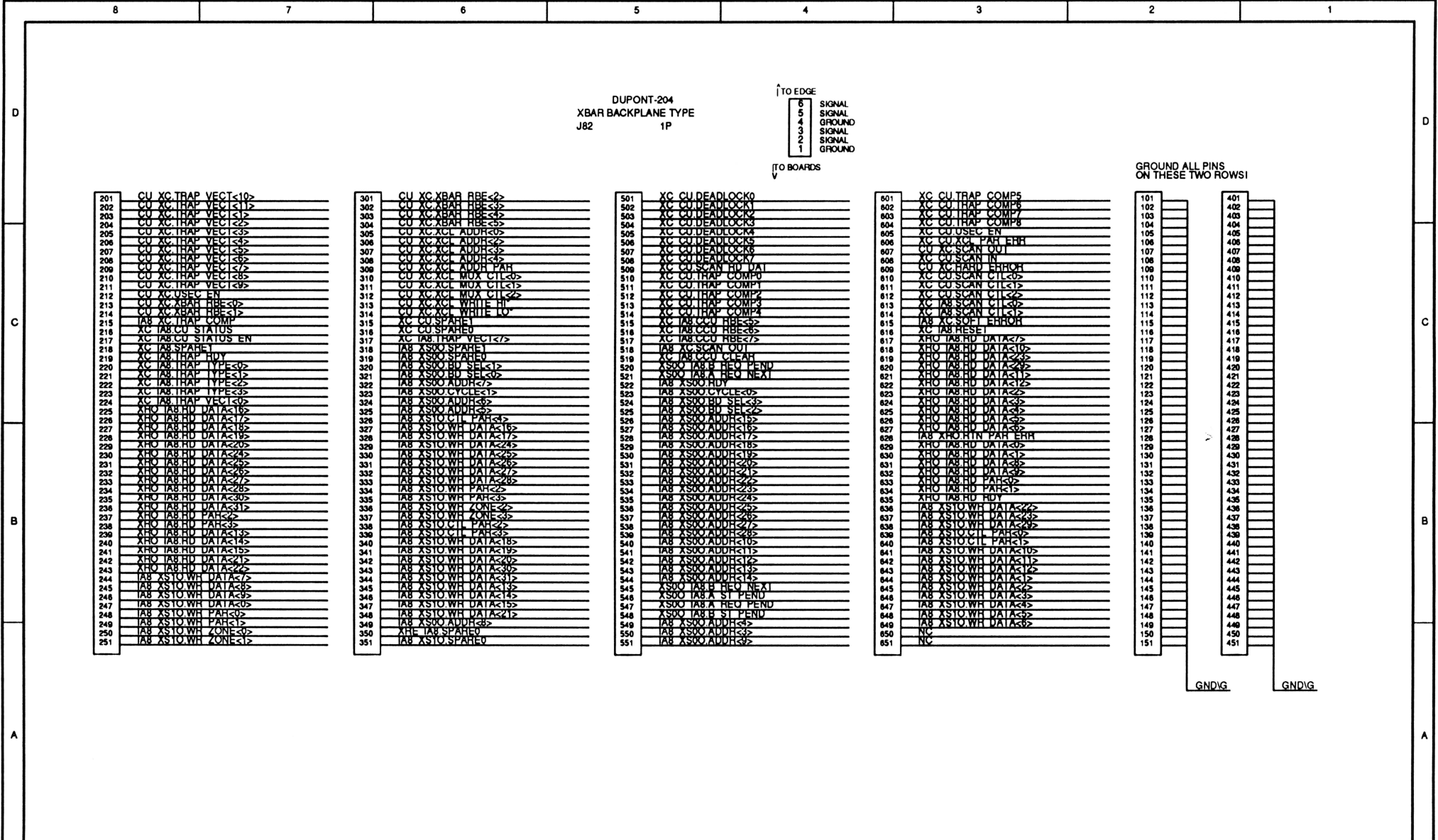


TITLE: XBP
DRAWING: 411-000252-300A Rev 0.0
REVISED: Wed Mar 28 17:47:52 1990

ABBR: XBP
ENGR: GOLENBIESKI

PAGE: 66

8 7 6 5 4 3 2 1



DUPONT-204
XBAR BACKPLANE TYPE
J82 1P

↑ TO EDGE
6 SIGNAL
5 SIGNAL
4 GROUND
3 SIGNAL
2 SIGNAL
1 GROUND
↓ TO BOARDS

GROUND ALL PINS
ON THESE TWO ROWS!

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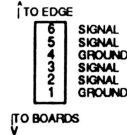
TITLE: XBP
DRAWING: 411-000252-300A Rev 0.0
REVISED: Wed Mar 28 17:50:41 1990

ABBR: XBP
ENGR: GOLENBIESKI

PAGE: 67

8 7 6 5 4 3 2 1

DUPONT-204
XBAR BACKPLANE TYPE
J83 1P



GROUND ALL PINS
ON THESE TWO ROWS!

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234	CU XRO RD PAR<5>
235	CU XRO RD PAR<6>
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237	CU XRO RD HDY
238	CU XRO SPARE1
239	CU XSTO SEND PAR ERH
240	NC
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550	NC
551	NC

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616	NC
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635	CU XSTO SEND PAR ERH
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637	NC
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639	NC
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TITLE: XBP
DRAWING: 411-000252-300A Rev 0.0
REVISED: Wed Mar 28 17:52:21 1990

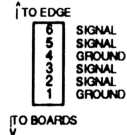
ABBR: XBP
ENGR: GOLENBIESKI

PAGE: 68

8 7 6 3 2 1

8 7 6 5 4 3 2 1

DUPONT-204
XBAR BACKPLANE TYPE
J84 1P



GROUND ALL PINS
ON THESE TWO ROWS!

201	XS00 CU ADDR<12>
202	XS00 CU ADDR<13>
203	XS00 CU ADDR<14>
204	XS00 CU ADDR<15>
205	XS00 CU ADDR<16>
206	XS00 CU ADDR<17>
207	XS00 CU ADDR<18>
208	XS00 CU ADDR<19>
209	XS00 CU ADDR<20>
210	XS00 CU CYCLE<1>
211	XS00 CU ADDR<7>
212	XS00 CU CYCLE<2>
213	XS00 CU HD
214	XS00 CU SPARE1
215	XS00 CU SPARE2
216	CU XC NIA CCU RBE<25>
217	CU XC NIA CCU RBE<10>
218	CU XC NIA CCU RBE<11>
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249	CU XC NIA CCU RBE<42>
250	XC CU SPARE2
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301	CU XC NIA CCU CNTRL ENA<8>
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322	AST0 CU SPARE1
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324	XRO IAB SPARE1
325	CU XC NIA CCU RBE<6>
326	CU XC NIA CCU RBE<7>
327	CU XC NIA CCU RBE<8>
328	CU XC NIA CCU RBE<9>
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330	CU XC HE QIRG
331	CU XC SCAN WH DAI
332	CU XC XBAR REFRESH
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334	CU XC XCI ADDR<25>
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348	CU XC XCI DATA IN<21>
349	XS0E CU SPARE1
350	XS0E CU SPARE2
351	AST1E CU SPARE0

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507	NC
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542	CU XC NMB SOFT ERR
543	XC CU SCALAR HALT
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606	HSC XC HARD ERROR
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649	CU XC NIA CCU CLEAR<12>
650	CU XC NIA HESE1
651	XC CU NIA SOFT ERR

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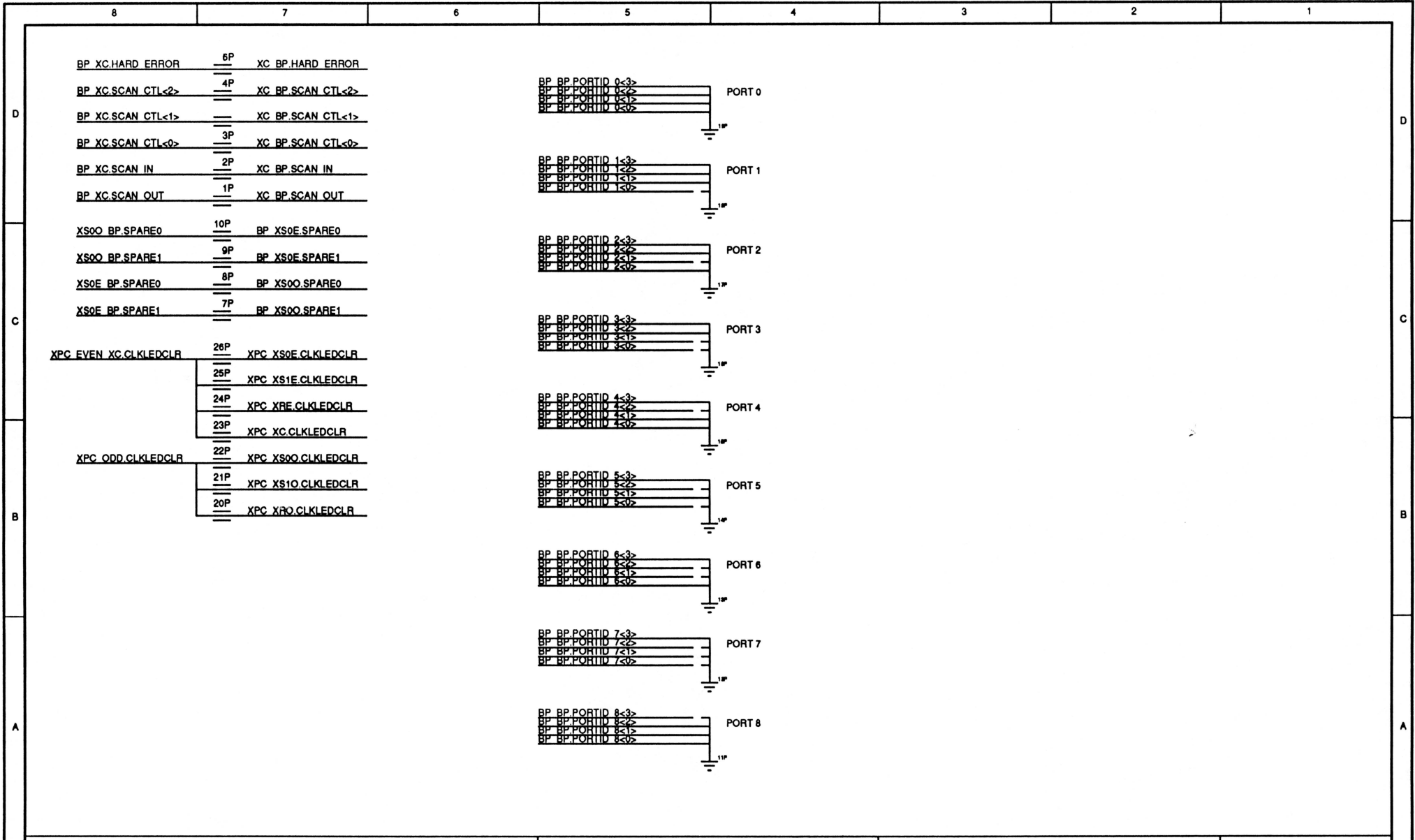


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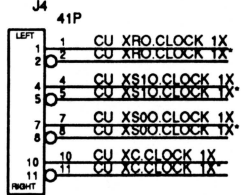


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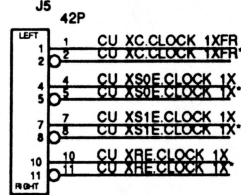
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C3 CLOCK CONNECTOR
12 PIN STRAIGHT, 3x4 ROW
(SEE VIEWED FROM INSIDE CARDCAGE)

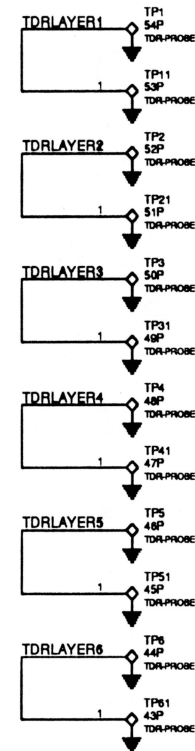
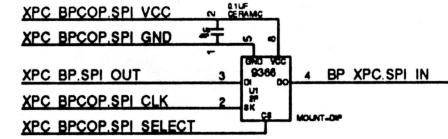


LEFT CONNECTOR

C3 CLOCK CONNECTOR
12 PIN STRAIGHT, 3x4 ROW
(SEE VIEWED FROM INSIDE CARDCAGE)



RIGHT CONNECTOR



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