

**digital**

BEHANDELD 2 5 OKT. 1977

Nº 3 0 3 2 1

**DD11-D**

**Engineering Drawings**

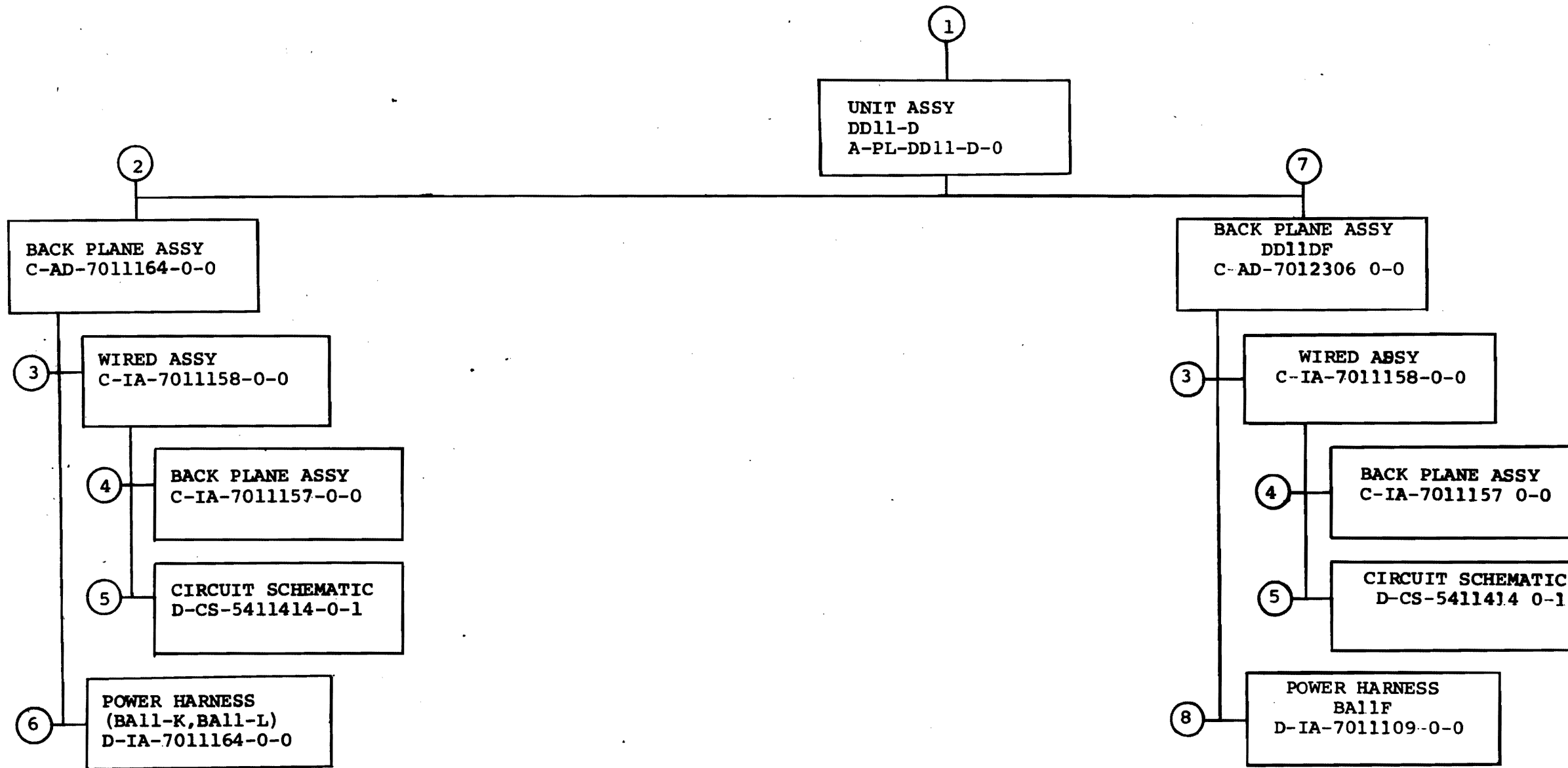
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TITLE	SHEET	SIZE	CODE	NUMBER	REV
DRAWING DIRECTORY DD11-D	2 OF 3	B	DD	DD11-D	B

CUSTOMER PRINT SET		ELECTRICAL					CUSTOMER PRINT SET		MECHANICAL						
1	MFG. SET	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO./FILE DATE	1	MFG. SET	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO./FILE DATE
X		1	A-PL-DD11-D-0		1	UNIT ASSY DD11-D				1	A-PL-DD11-D-0		1	UNIT ASSY DD11-D	
			D-MU-DD11-D-2		1	MODULE UTILIZATION									
X		2	C-AD-7011164-0-0		1	BACK PLANE ASSY DD11-DK				2	C-AD-7011164-0-0		1	BACK PLANE ASSY DD11-DK	
X		3	C-IA-7011158-0-0		1	WIRED ASSY				3	C-IA-7011158-0-0		1	WIRED ASSY	
			K-WL-DD11-D-1	A	1	WIRE LIST					B-DC-5308753-0-0		1	DECAL 21 POINT (LTR)	
			A-WT-7011158-0	REF	1	AWT REV STATUS					A-DC-7411881-0-0		1	LABEL, AWT REV STATUS	
X		5	D-CS-5411414-0-1			CIRCUIT SCHEMATIC				4	D-IA-7011157-0-0		1	BACK PLANE ASSY	
X		6	D-IA-7011108-0-0		1	POWER HARNESS (BALL-K, BALL-L)				5	D-CS-5411414-0-1			CIRCUIT SCHEMATIC	
											D-AH-5411414-0-4			ASSY/DRILLING HOLE LAYOUT	
											K-CO-5411414-0-5			X-Y COORDINATE HOLE LOCATION	
X		7	C-AD-7012306-0-0		1	BACK PLANE ASSY DD11-DF					B-MH-5411414-0-6			MODULE ECO HISTORY	
											5011413			ETCH CIRCUIT BOARD	
X		8	D-IA-7011109-0-0		1	POWER HARNESS (BALL-F, BALL-P)				6	D-IA-7011108-0-0		1	POWER HARNESS (BALL-K, BALL-L)	
								X		7	C-AD-7012306-0-0		1	BACK PLANE ASSY DD11-DF	
								X		8	D-IA-7011109-0-0		1	POWER HARNESS (BALL-F, BALL-P)	

CUSTOMER PRINT SET CODES  
X = PRINT OF DOCUMENT INCLUDED IN PRINT SET  
C = INCLUDES ALL PRINTS INDICATED ON DOCUMENT  
S = CONFIDENTIAL AUTHORIZED SIGNATURE REQUIRED

TITLE  
DRAWING DIRECTORY DD11-D

SHEET 3 OF 3  
SIZE CODE B DD  
NUMBER DD11-D

REV B

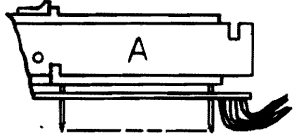
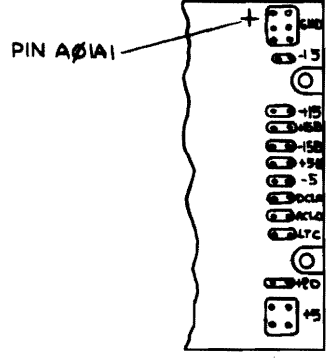
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WIRE TABLE

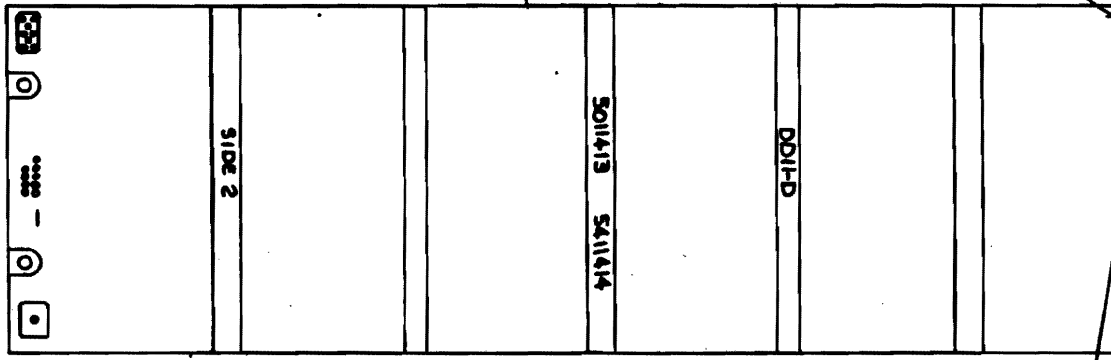
FROM			TO	FROM			TO
COLOR	POINT	CONNECTION	SIGNAL	COLOR	POINT	CONNECTION	SIGNAL
BLUE	P4-13	SOLDER	-15V	BRN	P2-14	SOLDER	-5V
RED	P4-4	↑	+5V	BLK	P2-8	↑	GND
RED	P4-1		+5V	GRAY	P2-2		↓
BLK	P4-8	↓	GND	ORG	P2-3	↓	+20
ORG	P4-3		+20V	BLK	P2-9		GND
BLK	P4-9		GND	RED	P2-12	SOLDER	+5B
WHT	P4-6		+15B	ITEM 5	ITEM 6	SOLDER	GND
GRN	P4-15		-15B				
YEL	P3-4		ACLO				
BLK	P3-1		GND				
BRN	P3-2		LTC				
VIO	P3-3		DCLO				
RED	P2-4	↓	+5V				
RED	P2-1	SOLDER	+5V				

NOTES:

- WHEN THE DDII-DK IS USED WITH A BAII-K EXPANSION BOX WITHOUT BATTERY BACK UP, INSTALL THE THREE JUMPERS SHOWN:  
 1) -15 TO -15B  
 2) +15 TO +15B  
 3) +5 TO +5B  
 USE #20 SHIELDED BUS WIRE ON SIDE 2. THIS WILL PROVIDE POWER TO THE MOS MEMORY VOLTAGE RAILS.
- INSTALL ITEM #6 UNDER LOGIC FRAME MOUNTING SCREW TO TIE LOGIC GROUND TO CHASSIS GROUND.



SLOT



QTY.	DESCRIPTION	PART NO.	ITEM NO.
1	TERMINAL, SOLDER	9008150	6
2"	WIRE, BLK STRD #14	9107370-00	5
6"	TUBING, #20 (CLEAR)	9107267-10	4
6"	WIRE, BUS #20	9107360-02	3
1	POWER HARNESS (BAII-K, BAII-L)	D-IA-7011108-0-0	2
1	WIRED ASSY DDII-D	C-IA-7011158-0-0	1

FIRST USED ON OPTION/MODEL		DDII-DK	
DIMENSIONAL TOLERANCE		DIMENSIONS ARE INCHES UNLESS OTHERWISE SPECIFIED	
MILLIMETERS	INCHES	ANGLES	
XXX ±0.10	JXX ±.005	20° 30°	
XX ±0.5	JX ±.02		
X ±.2	X ±.1		
THIRD ANGLE PROJECTION	REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓	MATERIAL SEE PARTS LIST	
FINISH		++	
DRN	DATE	digital	
CHK'D	DATE	TITLE	
ENG.	DATE	BACKPLANE ASS'Y (DDII-DK)	
PROJ. ENG.	DATE	SIZE CODE	
PROD.	DATE	NUMBER	
NEXT HIGHER ASSY.		REV.	
A-PL-DDII-D-0		B	
SCALE ++		C AD 7011164-0-0	
SHEET 1 OF 1		DIST.	

REV.	CHANGE NO.	DATE	BY	CHK'D
A	7011164-00001	10/15/75	R. BARRY	R. BARRY
B	DDII-DK-00004	13 Oct. 76	D. CHAMBERLAIN	D. CHAMBERLAIN
		13 JAN 76	D. BARRY	D. BARRY

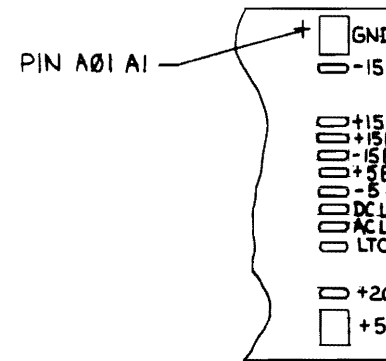
PART NUMBER C AD 7011164-0-0

6

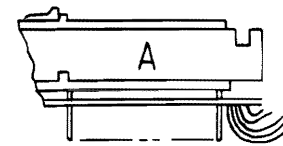
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### WIRE TABLE

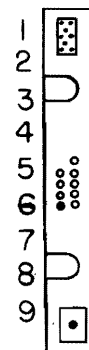
FROM			TO	FROM			TO
COLOR	POINT	CONNECTION	SIGNAL	COLOR	POINT	CONNECTION	SIGNAL
BLU	P4-13	SOLDER	-15 V	BRN	P2-14	SOLDER	-5V
RED	P4-4		+5 V	BLK	P2-8		GND
RED	P4-1		+5 V	GRY	P2-2		+15
BLK	P4-8		GND	ORN	P2-3		+20
ORN	P4-3		+20V	BLK	P2-9		GND
BLK	P4-9		GND	RED	P2-10	SOLDER	+5 B
WHT	P4-6		+15 B	ITEM#5	ITEM#6	SOLDER	GND
GRN	P4-15		-15 B				
YEL	P3-4		AC 10				
BLK	P3-1		GND				
BRN	P3-2		LTC				
VIO	P3-3		DC 10				
RED	P2-4		+5V				
RED	P2-1	SOLDER	+5V				



VIEW "A"



SLOT



PIN AØ1 A1

SEE VIEW "A"

SEE NOTE 1

### NOTES:

- WHEN DD11-DF IS USED WITH A BAI1-F EXP. BOX WITHOUT BATTERY BACK UP INSTALL THE THREE JUMPERS SHOWN:  
 1) -15 TO -15 B  
 2) +15 TO +15 B  
 3) +5 TO +5 B  
 USE #20 INSULATED BUS WIRE ON SIDE 2. THIS WILL PROVIDE POWER TO THE MOS MEM VOLTAGE RAILS.
- INSTALL ITEM #6 UNDER LOGIC FRAME MTG. SCREW TO TIE LOGIC GROUND TO CHASSIS GROUND.
- THE BAI1-F POWER HARNESS ITEM #2 IS NOT ELECTRICALLY COMPATIBLE WITH THE BAI1-L OR BAI1-K MOUNTING BOX.

QTY.	DESCRIPTION	PART NO.	ITEM NO.
1	TERMINAL, SOLDER	9008150	6
AIR	WIRE, BLK STRD #14	9107370-00	5
AIR	TUBING, #20 (CLEAR)	9107267-10	4
AIR	WIRE, BUS #20	9107560-03	3
1	POWER HARNESS BAI1-F	D-IA-7011109-0-0	2
1	WIRED ASSY DD11-D	C-IA-7011158-0-0	1

FIRST USED ON OPTION/MODEL DD11-DF		PARTS LIST	
DIMENSIONAL TOLERANCE		DRN. R. Beasley	DATE 12-18-75
DIMENSIONS ARE <del>MILLIMETERS</del> INCHES UNLESS OTHERWISE SPECIFIED		CHK'D S. Beasley	DATE 12-18-75
MILLIMETERS	INCHES	ANGLES	ENG. Richard Barry
X,XX ±0.10	.XX ±.005	±0° 30'	DATE 3-10-76
X,X ±0.5	.X ±.02		PROJ. ENG. Richard Barry
X ±.2	.X ±.1		DATE 3-10-76
THIRD ANGLE PROJECTION	REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓	TITLE BACK PLANE ASSY (DD11-DF)	
MATERIAL SEE PARTS LIST	FINISH #	SCALE #	SIZE/CODE C AD
NEXT HIGHER ASSY.		NUMBER 7012306-0-0	REV.
SHEET 1 OF 1		DIST.	

REV.	CHANGE NO.
CHK	

REV. NUMBER CAD 7012306-0-0

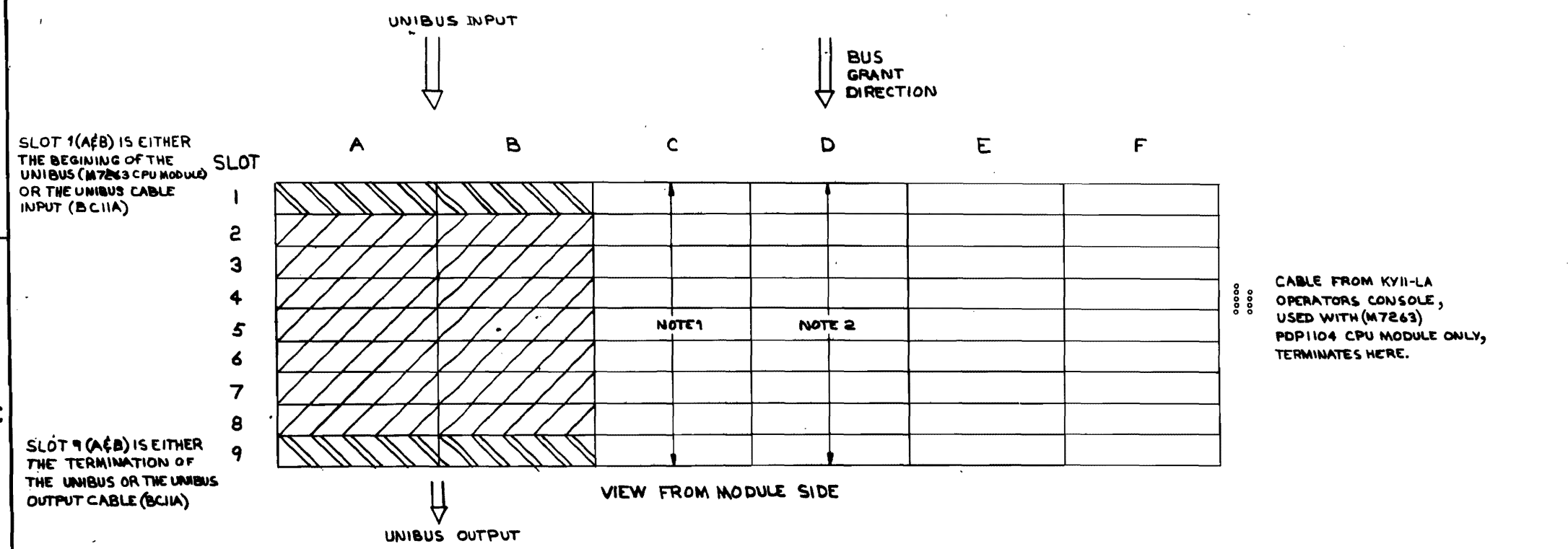
8 7 6 5 4 3

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2 1

NOTES:

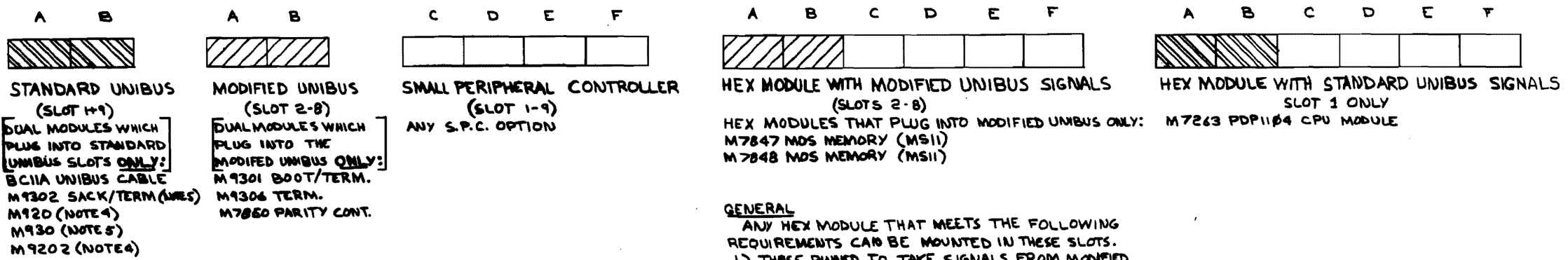
1. REMOVE CA1 TO CB1 WIRE WRAP JUMPER TO INSTALL AN NPR OPTION IN ANY SPC SLOT.
2. G727 REQUIRED IN ANY UNUSED SPC SLOT TO PROVIDE BUS GRANT CONTINUITY.
3. GRANT DIRECTION IS SLOT 1 TO SLOT 9.
4. USE M92B2 TO INTERCONNECT SYSTEM UNITS INSTEAD OF M92B. M92B2 IS A 2 FT. UNIBUS JUMPER CABLE USED TO DISTRIBUTE UNIBUS LOADING.
5. M93B2 (SACK/TERM) AND M93B (TERM) MUST NEVER BE INSTALLED IN ANY SLOT OTHER THAN SLOT 9 (A & B). POWER SUPPLY VOLTAGES WILL BE SHORTED OUT IF THESE TERMINATORS ARE MOUNTED IN THE MODIFIED UNIBUS SLOTS.
6. MODIFIED UNIBUS SECTION CARRIES CORE AND MOS MEMORY VOLTAGE RAILS AND MEMORY PARITY CONTROL SIGNALS INSTEAD OF BUS GRANT AND SOME GND SIGNALS THAT ARE CONTAINED IN STANDARD UNIBUS SLOTS.



SLOT 1(A&B) IS EITHER THE BEGINNING OF THE UNIBUS (M7263 CPU MODULE) OR THE UNIBUS CABLE INPUT (BC11A)

SLOT 9(A&B) IS EITHER THE TERMINATION OF THE UNIBUS OR THE UNIBUS OUTPUT CABLE (BC11A)

SLOT  
1  
2  
3  
4  
5  
6  
7  
8  
9



**GENERAL**  
ANY HEX MODULE THAT MEETS THE FOLLOWING REQUIREMENTS CAN BE MOUNTED IN THESE SLOTS.  
1.) THOSE PINNED TO TAKE SIGNALS FROM MODIFIED UNIBUS (A&B) WITH THE BUS GRANTS TAKEN FROM SPC SLOTS 10: ABOVE  
2.) THOSE PINNED TO TAKE SIGNALS FROM STANDARD SPC PINNING WITH THE EXCEPTION OF POWER FROM (A&B). 10: SPECIAL OPTIONS

REV. 1  
REV. 2  
REV. 3

QUANTITY & VARIATION		DESCRIPTION	DWG./PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES				
ANGLES	CLASS OF ACCURACY	NOMINAL DIMENSION RANGE INCHES		
10° 30'	SURFACE (CHECK ONE)	OVER 0 TO 0.2	OVER 0.2 TO 0.4	OVER 0.4 TO 0.6
		0.2 TO 0.4	0.4 TO 0.6	0.6 TO 0.8
QUALITY	MEDIUM	±0.008	±0.012	±0.016
	PREFERRED	±0.01	±0.016	±0.025
THIRD ANGLE PROJECTION		DRN. <i>9/28/75</i>	FIRST USED ON	
REMOVES BURRS AND BREAK SHARP CORNERS		CHK'D. <i>9/28/75</i>	TITLE	
DO NOT SCALE DWG		ENG. <i>R. R. 5/21/75</i>	MODULE UTILIZATION (DD11-D)	
MATERIAL		PROD. <i>11/16/75</i>	SIZE	CODE
FINISH		NEXT HIGHER ASSY.	D	MU
		B-DD-DD11-D	NUMBER	REV.
		SCALE	1	1
		SHEET 1 OF 1	DIST.	

8 7 6 5 4 3 2 1

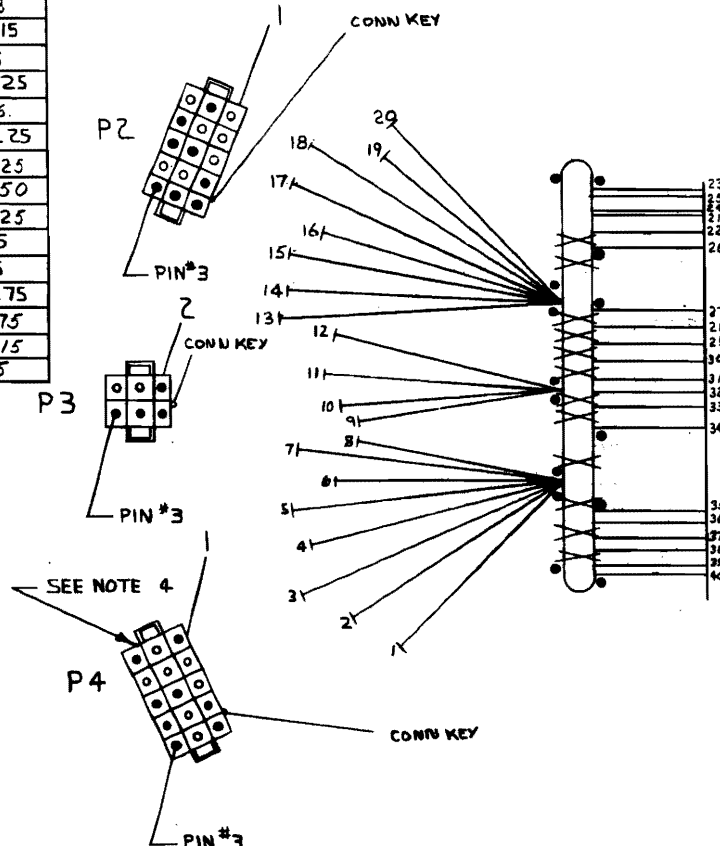
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NOTES:

1. USE TIE WRAPS (X) ITEMS AT BREAKOUT POINTS SHOWN
2. DOT (•) INDICATES NAIL LOCATION FOR ASS'Y USE ONLY. COVER NAILS WITH SHINK TUBING TO PREVENT CUTTING HARNESS.
3. WIRE LENGTH TOLERANCES WILL BE +1/8, -0 INCHES.
4. ALL CONN. SHOWN FROM WIRING SIDE.

WIRING TABLE

ITEM NO.	DESCRIPTION		FROM			TO		SIGNAL	LENGTH
	AWG	COLOR	POINT	CONNECTION	WITH	POINT	CONNECTION		
9	#18	BLUE	1	P4-13	3	26	SOLDER	-15V	7
5	14	RED	2	P4-4		37		+5V	5
5	14	RED	3	P4-1		38		+5V	5
6	14	BLK	4	P4-8		21		GND	7.75
7	14	ORN	5	P4-3		35		+20V	5
6	14	BLK	6	P4-9		22		GND	8
13	18	WHT	7	P4-6		28		+5B	6.15
14	18	GRN	8	P4-15		29		-15B	6
12	18	YEL	9	P3-4		33		ACLO	4.25
6	14	BLK	10	P3-1		23		GND	6
10	18	BRN	11	P3-2		34		LTC	4.25
11	18	VIO	12	P3-3		32		DCLO	4.25
5	14	RED	13	P2-4		39		+5V	7.50
5	14	RED	14	P2-1		40		+5V	7.25
10	18	BRN	15	P2-14		31		-5V	5
6	14	BLK	16	P2-8		24		GND	5
8	18	GREY	17	P2-2		27		+15	4.75
7	14	ORN	18	P2-3		36		+20	6.75
6	14	BLK	19	P2-9		25		GND	5.15
5	14	RED	20	P2-12	3	30	SOLDER	+5B	5



DO NOT REDUCE SCALE FOR MANUFACTURING PURPOSES ONLY

FOR WIRE LENGTHS SEE WIRING TABLE

DESCRIPTION	DWG./PART NO.	ITEM NO.
A/R WIRE #18 AWG, GRN	9107360-55	14
A/R WIRE #18 AWG, WHT	9107360-99	13
A/R WIRE #18 AWG, YEL	9107360-44	12
A/R WIRE #18 AWG, VIO	9107360-77	11
A/R WIRE #18 AWG, BRN	9107360-11	10
A/R WIRE #18 AWG, BLUE	9107360-66	9
A/R WIRE #18 AWG, GREY	9107360-88	8
A/R WIRE #14 AWG, ORN	9107370-33	7
A/R WIRE #14 AWG, BLK	9107370-00	6
A/R WIRE #14 AWG, RED	9107370-22	5
12 TIE WRAP	9007031	4
20 PIN MALE	1209378-01	3
1 CONN. 6 PIN HOUSING	1209351-06	2
2 CONN. 15 PIN HOUSING	1209351-15	1

THIRD ANGLE PROJECTION	DRN. <i>[Signature]</i> 8/11/75	FIRST USED ON DD11-D
REMOVE BURRS AND BREAK SHARP CORNERS	CHK'D <i>[Signature]</i> 5/2/75	TITLE POWER HARNESS (BAI-K, BAI-L)
DO NOT SCALE DWG	PROJ. ENG. <i>[Signature]</i> 5/2/75	MATERIAL SEE PARTS LIST
	PROD. <i>[Signature]</i> 10/1/75	SCALE 1/1
		SHEET 1 OF 1
		SIZE CODE D IA
		NUMBER 701108-0-0
		REV. A

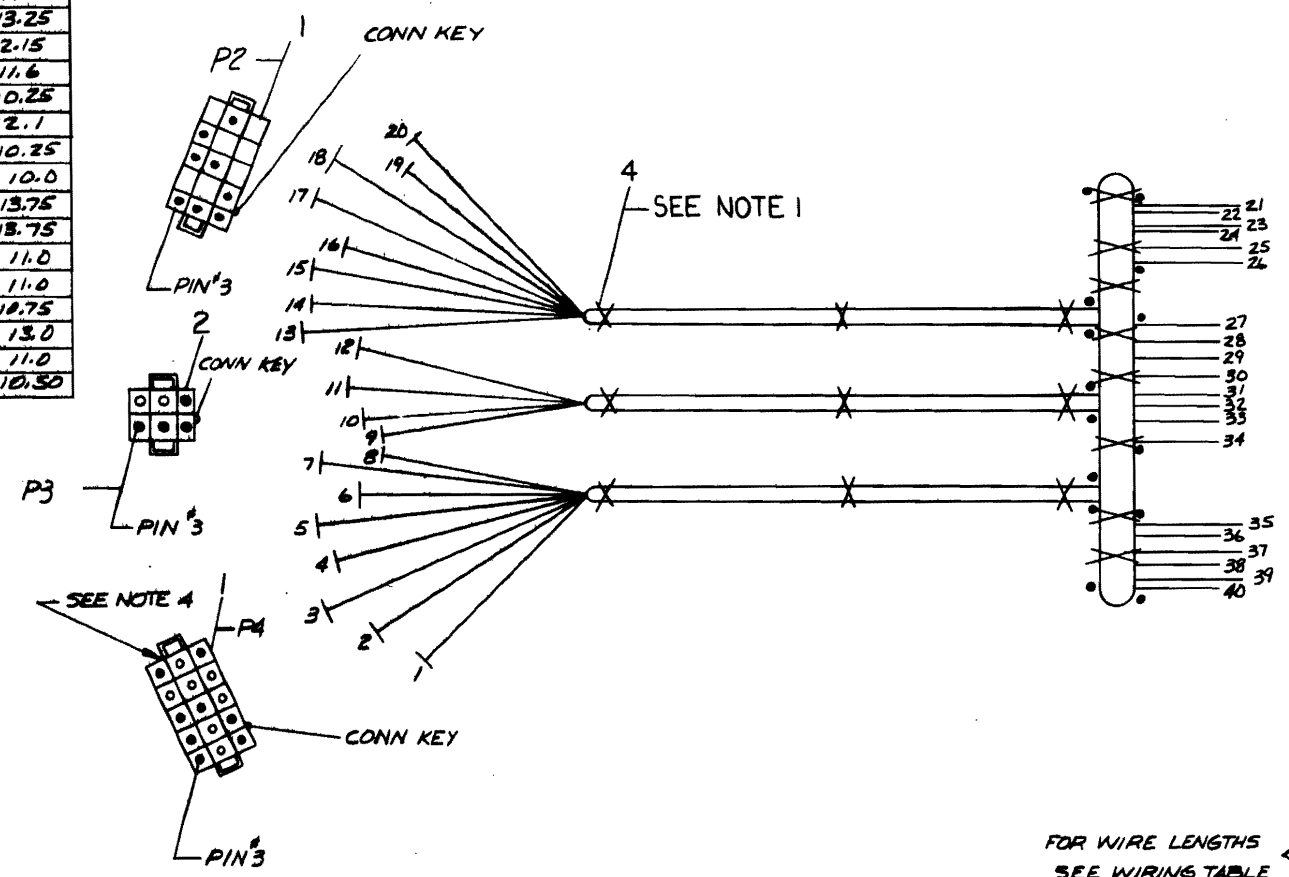
REV. A	DATE 8/11/75
REV. B	DATE 5/2/75
REV. C	DATE 10/1/75
REV. D	DATE 5/2/75
REV. E	DATE 10/1/75

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- NOTES:
1. USE TIE WRAPS (X) ITEM #4 AT BREAKOUT POINTS SHOWN.
  2. DOT (•) INDICATES NAIL LOCATION FOR ASSY USE ONLY. COVER NAILS WITH SHRINK TUBING.
  3. WIRE LENGTH TOL WILL BE ±.12 IN
  4. ALL CONN SHOWN FROM WIRING SIDE.
  5. STRIP 1/8" INSULATION FROM POINTS 21 THRU 40 AND FULL TIN POINTS 21 THRU 40.

WIRING TABLE

ITEM NO	DESCRIPTION	FROM POINT	CONNECTION WITH	TO POINT	CONNECTION	SIGNAL	LENGTH
9	18 BLU	1	P4-13	3	26	SOLDER	-15V 12.75
5	14 RED	2	P4-4		37		+5V 11
5	14 RED	3	P4-1		38		+5V 11.25
6	14 BLK	4	P4-8		21		GND 13.75
7	14 ORN	5	P4-3		35		+20V 11.0
6	14 BLK	6	P4-9		22		GND 13.25
13	18 WHT	7	P4-6		28		+15B 12.15
14	18 GRN	8	P4-15		29		-15B 11.6
12	18 YEL	9	P3-4		33		ACLO 10.25
6	14 BLK	10	P3-1		23		GND 12.1
10	18 BRN	11	P3-2		34		LTC 10.25
11	18 VID	12	P3-3		32		DCLO 10.0
5	14 RED	13	P2-4		39		+5V 13.75
5	14 RED	14	P2-1		40		+5V 13.75
15	14 BRN	15	P2-14		31		-5V 11.0
6	14 BLK	16	P2-8		24		GND 11.0
8	18 GRV	17	P2-2		27		+15 10.75
7	14 ORN	18	P2-3		36		+20 13.0
6	14 BLK	19	P2-9		25		GND 11.0
5	14 RED	20	P2-10	3	30	SOLDER	+5B 10.50



DESCRIPTION	DWG./PART NO.	ITEM NO.
AIR WIRE #14 AWG (BRN)	9107370-11	15
AIR WIRE #18 AWG (GRN)	9107360-55	14
NR WIRE #18 AWG (WHT)	9107360-99	13
AIR WIRE #18 AWG (YEL)	9107360-44	12
AIR WIRE #18 AWG (VID)	9107360-77	11
AIR WIRE #18 AWG (BRN)	9107360-11	10
AIR WIRE #18 AWG (BLU)	9107360-66	9
AIR WIRE #18 AWG (GRY)	9107360-88	8
NR WIRE #14 AWG (ORN)	9107370-33	7
NR WIRE #14 AWG (BLK)	9107370-00	6
NR WIRE #14 AWG (RED)	9107370-22	5
17 TIE WRAP	9007031	4
20 PIN MALE	1209378-01	3
1 CONN 6 PIN HOUSING	1209351-06	2
2 CONN 15 PIN HOUSING	1209351-15	1

FOR WIRE LENGTHS SEE WIRING TABLE

DO NOT REDUCE SCALE 6 IN FOR MANUFACTURING PURPOSES ONLY

QUANTITY & VARIATION	THIRD ANGLE PROJECTION	DRW. BY: [Signature]	CHK'D BY: [Signature]	ENG. BY: [Signature]	PROJ. ENG. BY: [Signature]	PROD. BY: [Signature]	DATE: 11/5/75	FIRST USED ON: DD11-DF, PF	TITLE: POWER HARNESS (BA11-F)																								
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		<table border="1"> <tr> <th>CLASS OF ACCURACY</th> <th colspan="4">NOMINAL DIMENSION RANGE INCHES</th> </tr> <tr> <td rowspan="2">CHECK ONE</td> <td>OVER 0 TO 1.2</td> <td>OVER 1.2 TO 4.0</td> <td>OVER 4.0 TO 12.0</td> <td>OVER 12.0 TO 40.0</td> </tr> <tr> <td>±.004</td> <td>±.008</td> <td>±.012</td> <td>±.016</td> </tr> <tr> <td colspan="2">SURFACE QUALITY IN</td> <td colspan="3">MICRONICHES</td> </tr> <tr> <td colspan="2">MEDIUM</td> <td>±.012</td> <td>±.016</td> <td>±.025</td> </tr> </table>								CLASS OF ACCURACY	NOMINAL DIMENSION RANGE INCHES				CHECK ONE	OVER 0 TO 1.2	OVER 1.2 TO 4.0	OVER 4.0 TO 12.0	OVER 12.0 TO 40.0	±.004	±.008	±.012	±.016	SURFACE QUALITY IN		MICRONICHES			MEDIUM		±.012	±.016	±.025
CLASS OF ACCURACY	NOMINAL DIMENSION RANGE INCHES																																
CHECK ONE	OVER 0 TO 1.2	OVER 1.2 TO 4.0	OVER 4.0 TO 12.0	OVER 12.0 TO 40.0																													
	±.004	±.008	±.012	±.016																													
SURFACE QUALITY IN		MICRONICHES																															
MEDIUM		±.012	±.016	±.025																													
MATERIAL SEE PARTS LIST	SCALE 1/1	SIZE CODE D	CODE IA	NUMBER 7011109-0-0	REV.																												

REV. CHANGE NO. DATE



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NOTES

1. ALL REV. ASSEMBLIES OF THE DDII-D ARE ELECTRICALLY THE SAME AS THIS RUN LIST BUT THE POINT TO POINT ROUTING OF A GIVEN WIRE TO ALL ITS ASSOCIATED PINS MAY BE DIFFERENT.

FIRST USED ON OPTION MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
DDII-D				
PARTS LIST				
DRN. <i>D. Chellan</i>	DATE 5/21/75	<b>digital</b> EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS TITLE WIRE LIST DDII-D		
CHK'D. <i>P. New</i>	DATE 5/28/75			
ENG. <i>Richard Barry</i>	DATE 5/28/75			
PROJ. ENG. <i>Richard Barry</i>	DATE 5/28/75			
PROD. <i>R.K. Peters</i>	DATE 6/12/75			
NEXT HIGHER ASSEMBLY B-DD-DDII-D		SIZE CODE K WL	NUMBER DDII-D-1	REV. B
SCALE		DIST.		
SHEET	1	OF	1	

REVISIONS	CHANGE NO.	REV.
CHK	DDIID-00004	B
<i>RB</i>		

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DD11D.B RUN NAME	WRP288.V34(63)-1 A/P PIN NAME	ORDER PIN	23-AUG-76 BAY - ORDER	Q	DRAW	RV	RG	Y	X	Z	REMARKS	8-NOV-76	14138 NC LENGTH FLAG	PAGE 4 EXCEPTIONS	RUN NUMBER
A BR OUT	D01J2		1-01 *							1			6-5/8		8
A BR OUT	F01P1		1-02 *							2			1		8
A BR OUT	F01U2		1-03 *										7-5/8 1400000000		8
A BR OUT			1												8
A IN	D01H1		1-01 *							1			3-4/8		9
A IN	E01M1		1-02 *										3-4/8 1400000000		9
A IN			1												9
A INT A	D01N1		1-01 *							1			6-3/8		10
A INT A	F01U1		1-02 *										6-3/8 1400000000		10
A INT A			1												10
A INT B	C01J1		1-01 *							1			8-5/8		11
A INT B	F01K2		1-02 *										8-5/8 1400000000		11
A INT B			1												11
A INT ENB A	D01M1		1-01 *							1			6-5/8		12
A INT ENB A	F01V1		1-02 *										6-5/8 1400000000		12
A INT ENB A			1												12
A INT ENB B	C01L1		1-01 *							1			8-1/8		13
A INT ENB B	F01H2		1-02 *										8-1/8 1400000000		13
A INT ENB B			1												13
A OUT HIGP	D01K1		1-01 *							1			3-3/8		14
A OUT HIGP	E01M2		1-02 *										3-3/8 1400000000		14
A OUT HIGP			1												14
A OUT LOW	D01D1		1-01 *							1			4		15
A OUT LOW	E01N1		1-02 *										4-0/8 1400000000		15
A OUT LOW			1												15
A SEL 0	D01F1		1-01 *							1			4-1/8		16
A SEL 0	E01S2		1-02 *										4-1/8 1400000000		16
A SEL 0			1												16
A SEL 4	D01E1		1-01 *							1			4-3/8		17
A SEL 4	E01R2		1-02 *										4-3/8 1400000000		17
A SEL 4			1												17
A SEL 6	D01C1		1-01 *							1			4-4/8		18
A SEL 6	E01S1		1-02 *										4-4/8 1400000000		18
A SEL 6			1												18
A SER 2	D01J1		1-01 *							1			4-1/8		19
A SER 2	E01T2		1-02 *										4-1/8 1400000000		19
A SER 2			1												19
A SSYN IN H	D01V1		1-01 *							1			1		20
A SSYN IN H	E01B1		1-02 *										1-0/8 1400000000		20
A SSYN IN H			1												20

DD11D.B RUN NAME	WRP288.V34(63)-1 A/P PIN NAME	ORDER PIN	23-AUG-76 BAY - ORDER	Q	DRAW	RV	RG	Y	X	Z	REMARKS	8-NOV-76	14138 NC LENGTH FLAG	PAGE 5 EXCEPTIONS	RUN NUMBER
AC LO L	B01F1		1-01 *	P						1			1		21
AC LO L	B02F1		1-02 *	P						2			1		21
AC LO L	B03F1		1-03 *	P						1			1		21
AC LO L	B04F1		1-04 *							2			1		21
AC LO L	B05F1		1-05 *	P						2			1		21
AC LO L	B06F1		1-06 *	P						1			1		21
AC LO L	B07F1		1-07 *	P						2			1		21
AC LO L	B08F1		1-08 *	P						1			1		21
AC LO L	B09F1		1-09 *							1			4-4/8		21
AC LO L	C09V1		1-10 *	P						1			1		21
AC LO L	C08V1		1-11 *	P						2			1		21
AC LO L	C07V1		1-12 *	P						1			1		21
AC LO L	C06V1		1-13 *	P						2			1		21
AC LO L	C05V1		1-14 *	P						1			1		21
AC LO L	C04V1		1-15 *	P						2			1		21
AC LO L	C03V1		1-16 *	P						1			1		21
AC LO L	C02V1		1-17 *	P						2			1		21
AC LO L	C01V1		1-18 *										20-4/8 1400000000		21
AC LO L			1												21
B BG IN	D02U2		1-01 *							1			3-7/8		22
B BG IN	F02B1		1-02 *										3-7/8 1400000000		22
B BG IN			1												22
B BG OUT	D02V2		1-01 *							1			3-7/8		23
B BG OUT	F02A1		1-02 *										3-7/8 1400000000		23
B BG OUT			1												23
B BR OUT	D02J2		1-01 *							1			6-5/8		24
B BR OUT	F02P1		1-02 *							2			1		24
B BR OUT	F02U2		1-03 *										7-5/8 1400000000		24
B BR OUT			1												24
B IN	D02H1		1-01 *							1			3-4/8		25
B IN	E02M1		1-02 *										3-4/8 1400000000		25
B IN			1												25
B INT A	D02N1		1-01 *							1			6-3/8		26
B INT A	F02U1		1-02 *										6-3/8 1400000000		26
B INT A			1												26
B INT B	C02J1		1-01 *							1			8-5/8		27
B INT B	F02K2		1-02 *										8-5/8 1400000000		27
B INT B			1												27
B INT ENB A	D02M1		1-01 *							1			6-5/8		28
B INT ENB A	F02V1		1-02 *										6-5/8 1400000000		28
B INT ENB A			1												28
B INT ENB B	C02L1		1-01 *							1			8-1/8		29
B INT ENB B	F02H2		1-02 *										8-1/8 1400000000		29
B INT ENB B			1												29
B OUT HIGP	D02K1		1-01 *							1			3-3/8		30
B OUT HIGP	E02M2		1-02 *										3-3/8 1400000000		30
B OUT HIGP			1												30

DD11D.B RUN NAME	WRP288.V34(63)-1 A/P PIN ORDER PIN	23-AUG-76 BAY - Q ORDER	DRAW RV RG Y X Z OPT	REMARKS	8-NOV-76 14:38 PAGE 6 NC LENGTH EXCEPTIONS FLAG	RUN NUMBER
B OUT LOW	D02D1	1-01 *			4	31
B OUT LOW	E02N1	1-02 *				31
B OUT LOW		1			4-0/8 1400000000	31
B SEL 0	D02F1	1-01 *			4-1/8	32
B SEL 0	E02S2	1-02 *				32
B SEL 0		1			4-1/8 1400000000	32
B SEL 4	D02E1	1-01 *			4-3/8	33
B SEL 4	E02R2	1-02 *				33
B SEL 4		1			4-3/8 1400000000	33
B SEL 6	D02C1	1-01 *			4-4/8	34
B SEL 6	E02S1	1-02 *				34
B SEL 6		1			4-4/8 1400000000	34
B SER 2	D02J1	1-01 *			4-1/8	35
B SER 2	E02T2	1-02 *				35
B SER 2		1			4-1/8 1400000000	35
B Ssyn IN H	D02V1	1-01 *			1	36
B Ssyn IN H	E02B1	1-02 *				36
B Ssyn IN H		1			1-0/8 1400000000	36
BB+15	A02R1	1-01 * P			1	37
BB+15	A03R1	1-02 * P			1	37
BB+15	A04R1	1-03 * P			1	37
BB+15	A05R1	1-04 * P			1	37
BB+15	A06R1	1-05 * P			1	37
BB+15	A07R1	1-06 * P			1	37
BB+15	A08R1	1-07 * X				37
BB+15		1			6-0/8 1400000000	37
BB+5	B02D1	1-01 * P			1	38
BB+5	B03D1	1-02 * P			1	38
BB+5	B04D1	1-03 * P			1	38
BB+5	B05D1	1-04 * P			1	38
BB+5	B06D1	1-05 * P			1	38
BB+5	B07D1	1-06 * P			1	38
BB+5	B08D1	1-07 * X				38
BB+5		1			6-0/8 1400000000	38
BB-15	A02S1	1-01 * P			1	39
BB-15	A03S1	1-02 * P			1	39
BB-15	A04S1	1-03 * P			1	39
BB-15	A05S1	1-04 * P			1	39
BB-15	A06S1	1-05 * P			1	39
BB-15	A07S1	1-06 * P			1	39
BB-15	A08S1	1-07 * X				39
BB-15		1			6-0/8 1400000000	39

DD11D.B RUN NAME	WRP288.V34(63)-1 A/P PIN ORDER PIN	23-AUG-76 BAY - Q ORDER	DRAW RV RG Y X Z OPT	REMARKS	8-NOV-76 14:38 PAGE 7 NC LENGTH EXCEPTIONS FLAG	RUN NUMBER
BBSY L	A01P2	1-01 * P			1	40
BBSY L	A02P2	1-02 * P			1	40
BBSY L	A03P2	1-03 * P			1	40
BBSY L	A04P2	1-04 * H		TW	14-1/8	40
BBSY L	F01D1	1-05 * P			1	40
BBSY L	F02D1	1-06 * P			1	40
BBSY L	F03D1	1-07 * P			1	40
BBSY L	F04D1	1-08 * H		2FTTW	1	40
BBSY L	F05D1	1-09 * P			1	40
BBSY L	F06D1	1-10 * P			1	40
BBSY L	F07D1	1-11 * P			1	40
BBSY L	F08D1	1-12 * P			1	40
BBSY L	F09D1	1-13 * H		TW	14-3/8	40
BBSY L	A05P2	1-14 * P			1	40
BBSY L	A06P2	1-15 * P			1	40
BBSY L	A07P2	1-16 * P			1	40
BBSY L	A08P2	1-17 *			1	40
BBSY L	A09P2	1-18 *				40
BBSY L		1			43-4/8 1400000000	40
BG4 A	B01E2	1-01 * H		TW	7	41
BG4 A	D01S2	1-02 *				41
BG4 A		1			7-0/8 1400000000	41
BG4 B	D01T2	1-01 * P			0-5/8	42
BG4 B	D02S2	1-02 * X				42
BG4 B		1			0-5/8 1400000000	42
BG4 C	D02T2	1-01 * P			0-5/8	43
BG4 C	D03S2	1-02 * X				43
BG4 C		1			0-5/8 1400000000	43
BG4 D	D03T2	1-01 * P			0-5/8	44
BG4 D	D04S2	1-02 * X				44
BG4 D		1			0-5/8 1400000000	44
BG4 E	D04T2	1-01 * P			0-5/8	45
BG4 E	D05S2	1-02 * X				45
BG4 E		1			0-5/8 1400000000	45
BG4 F	D05T2	1-01 * P			0-5/8	46
BG4 F	D06S2	1-02 * X				46
BG4 F		1			0-5/8 1400000000	46
BG4 H	D06T2	1-01 * P			0-5/8	47
BG4 H	D07S2	1-02 * X				47
BG4 H		1			0-5/8 1400000000	47
BG4 J	D07T2	1-01 * P			0-5/8	48
BG4 J	D08S2	1-02 * X				48
BG4 J		1			0-5/8 1400000000	48
BG4 K	D08T2	1-01 * P			0-5/8	49
BG4 K	D09S2	1-02 * X				49
BG4 K		1			0-5/8 1400000000	49

DD11D.B RUN NAME	WRP288.V34(63)-1 23-AUG-76				Q	DRAW	RV	RG	Y	X	Z	REMARKS	8-NOV-76	14:38	PAGE 8		RUN NUMBER
	A/P	PIN NAME	ORDER PIN	BAY - ORDER											NC	LENGTH	
BG4 L		B09E2		1-01 * H												7-1/8	50
BG4 L		D09T2		1-02 * X												7-1/8 1400000000	50
BG4 L				1													
BG5 A		B01B1		1-01 * H						1		TW				7-1/8	51
BG5 A		D01P2		1-02 * X												7-1/8 1400000000	51
BG5 A				1													
BG5 B		D01R2		1-01 * P						1						0-5/8	52
BG5 B		D02P2		1-02 * X												0-5/8 1400000000	52
BG5 B				1													
BG5 C		D02R2		1-01 * P						1						0-5/8	53
BG5 C		D03P2		1-02 * X												0-5/8 1400000000	53
BG5 C				1													
BG5 D		D03R2		1-01 * P						1						0-5/8	54
BG5 D		D04P2		1-02 * X												0-5/8 1400000000	54
BG5 D				1													
BG5 E		D04R2		1-01 * P						1						0-5/8	55
BG5 E		D05P2		1-02 * X												0-5/8 1400000000	55
BG5 E				1													
BG5 F		D05R2		1-01 * P						1						0-5/8	56
BG5 F		D06P2		1-02 * X												0-5/8 1400000000	56
BG5 F				1													
BG5 H		D06R2		1-01 * P						1						0-5/8	57
BG5 H		D07P2		1-02 * X												0-5/8 1400000000	57
BG5 H				1													
BG5 J		D07R2		1-01 * P						1						0-5/8	58
BG5 J		D08P2		1-02 * X												0-5/8 1400000000	58
BG5 J				1													
BG5 K		D08R2		1-01 * P						1						0-5/8	59
BG5 K		D09P2		1-02 * X												0-5/8 1400000000	59
BG5 K				1													
BG5 L		B09B1		1-01 * H						1		TW				7-3/8	60
BG5 L		D09R2		1-02 * X												7-3/8 1400000000	60
BG5 L				1													
BG6 A		B01A1		1-01 * H						1		TW				7-1/8	61
BG6 A		D01M2		1-02 * X												7-1/8 1400000000	61
BG6 A				1													
BG6 B		D01N2		1-01 * P						1						0-5/8	62
BG6 B		D02M2		1-02 * X												0-5/8 1400000000	62
BG6 B				1													
BG6 C		D02N2		1-01 * P						1						0-5/8	63
BG6 C		D03M2		1-02 * X												0-5/8 1400000000	63
BG6 C				1													

DD11D.B RUN NAME	WRP288.V34(63)-1 23-AUG-76				Q	DRAW	RV	RG	Y	X	Z	REMARKS	8-NOV-76	14:38	PAGE 9		RUN NUMBER
	A/P	PIN NAME	ORDER PIN	BAY - ORDER											NC	LENGTH	
BG6 D		D03N2		1-01 * P												0-5/8	64
BG6 D		D04M2		1-02 * X												0-5/8 1400000000	64
BG6 D				1													
BG6 E		D04N2		1-01 * P						1						0-5/8	65
BG6 E		D05M2		1-02 * X												0-5/8 1400000000	65
BG6 E				1													
BG6 F		D05N2		1-01 * P						1						0-5/8	66
BG6 F		D06M2		1-02 * X												0-5/8 1400000000	66
BG6 F				1													
BG6 H		D06N2		1-01 * P						1						0-5/8	67
BG6 H		D07M2		1-02 * X												0-5/8 1400000000	67
BG6 H				1													
BG6 J		D07N2		1-01 * P						1						0-5/8	68
BG6 J		D08M2		1-02 * X												0-5/8 1400000000	68
BG6 J				1													
BG6 K		D08N2		1-01 * P						1						0-5/8	69
BG6 K		D09M2		1-02 * X												0-5/8 1400000000	69
BG6 K				1													
BG6 L		B09A1		1-01 * H						1		TW				7-3/8	70
BG6 L		D09N2		1-02 * X												7-3/8 1400000000	70
BG6 L				1													
BG7 A		A01V1		1-01 * H						1		TW				7-3/8	71
BG7 A		D01K2		1-02 * X												7-3/8 1400000000	71
BG7 A				1													
BG7 B		D01L2		1-01 * P						1						0-5/8	72
BG7 B		D02K2		1-02 * X												0-5/8 1400000000	72
BG7 B				1													
BG7 C		D02L2		1-01 * P						1						0-5/8	73
BG7 C		D03K2		1-02 * X												0-5/8 1400000000	73
BG7 C				1													
BG7 D		D03L2		1-01 * P						1						0-5/8	74
BG7 D		D04K2		1-02 * X												0-5/8 1400000000	74
BG7 D				1													
BG7 E		D04L2		1-01 * P						1						0-5/8	75
BG7 E		D05K2		1-02 * X												0-5/8 1400000000	75
BG7 E				1													
BG7 F		D05L2		1-01 * P						1						0-5/8	76
BG7 F		D06K2		1-02 * X												0-5/8 1400000000	76
BG7 F				1													
BG7 H		D06L2		1-01 * P						1						0-5/8	77
BG7 H		D07K2		1-02 * X												0-5/8 1400000000	77
BG7 H				1													

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DD11D.B RUN NAME	WRP208.V34(63)-1 A/P PIN ORDER PIN	23-AUG-76 BAY - ORDER	DRAW RV RG Y X Z OPT	REMARKS	8-NOV-76 14:38 PAGE 10 NC LENGTH EXCEPTIONS FLAG	RUN NUMBER
BG7 J	D07L2	1-01 * P			0-5/8	78
BG7 J	D08K2	1-02 * X				78
BG7 J		1			0-5/8 1400000000	78
BG7 K	D08L2	1-01 * P			0-5/8	79
BG7 K	D09K2	1-02 * X				79
BG7 K		1			0-5/8 1400000000	79
BG7 L	A09V1	1-01 * H		TW	7-5/8	80
BG7 L	D09L2	1-02 * X				80
BG7 L		1			7-5/8 1400000000	80
BR4 L	B09D2	1-01 * P			1	81
BR4 L	B08D2	1-02 * P			1	81
BR4 L	B07D2	1-03 * P			1	81
BR4 L	B06D2	1-04 * P			1	81
BR4 L	B05D2	1-05 * P			1	81
BR4 L	B04D2	1-06 * P			1	81
BR4 L	B03D2	1-07 * P			1	81
BR4 L	B02D2	1-08 * P			1	81
BR4 L	B01D2	1-09 * P			6-1/8	81
BR4 L	D01H2	1-10 * P			1	81
BR4 L	D02H2	1-11 * P			1	81
BR4 L	D03H2	1-12 * P			1	81
BR4 L	D04H2	1-13 * P			1	81
BR4 L	D05H2	1-14 * P			1	81
BR4 L	D06H2	1-15 * P			1	81
BR4 L	D07H2	1-16 * P			1	81
BR4 L	D08H2	1-17 * P			1	81
BR4 L	D09H2	1-18 * P			1	81
BR4 L		1			22-1/8 1400000000	81
BR5 L	D09F2	1-01 * P			1	82
BR5 L	D08F2	1-02 * P			1	82
BR5 L	D07F2	1-03 * P			1	82
BR5 L	D06F2	1-04 * P			1	82
BR5 L	D05F2	1-05 * P			1	82
BR5 L	D04F2	1-06 * P			1-4/8	82
BR5 L	D02F2	1-07 * P			1	82
BR5 L	D01F2	1-08 * P			1-4/8	82
BR5 L	D03F2	1-09 * P			6-3/8	82
BR5 L	B03C1	1-10 * P			1-4/8	82
BR5 L	B01C1	1-11 * P			1	82
BR5 L	B02C1	1-12 * P			1-4/8	82
BR5 L	B04C1	1-13 * P			1	82
BR5 L	B05C1	1-14 * P			1	82
BR5 L	B06C1	1-15 * P			1	82
BR5 L	B07C1	1-16 * P			1	82
BR5 L	B08C1	1-17 * P			1	82
BR5 L	B09C1	1-18 * P			1	82
BR5 L		1			24-3/8 1400000000	82

DD11D.B RUN NAME	WRP208.V34(63)-1 A/P PIN ORDER PIN	23-AUG-76 BAY - ORDER	DRAW RV RG Y X Z OPT	REMARKS	8-NOV-76 14:38 PAGE 11 NC LENGTH EXCEPTIONS FLAG	RUN NUMBER
BR6 L	A09U2	1-01 * P			1	83
BR6 L	A08U2	1-02 * P			1	83
BR6 L	A07U2	1-03 * P			1	83
BR6 L	A06U2	1-04 * P			1	83
BR6 L	A05U2	1-05 * P			1	83
BR6 L	A04U2	1-06 * P			1	83
BR6 L	A03U2	1-07 * P			1	83
BR6 L	A02U2	1-08 * P			1	83
BR6 L	A01U2	1-09 * P			7	83
BR6 L	D01E2	1-10 * P			1	83
BR6 L	D02E2	1-11 * P			1	83
BR6 L	D03E2	1-12 * P			1	83
BR6 L	D04E2	1-13 * P			1	83
BR6 L	D05E2	1-14 * P			1	83
BR6 L	D06E2	1-15 * P			1	83
BR6 L	D07E2	1-16 * P			1	83
BR6 L	D08E2	1-17 * P			1	83
BR6 L	D09E2	1-18 * P			1	83
BR6 L		1			23-0/8 1400000000	83
BR7 L	A09T2	1-01 * P			1	84
BR7 L	A08T2	1-02 * P			1	84
BR7 L	A07T2	1-03 * P			1	84
BR7 L	A06T2	1-04 * P			1	84
BR7 L	A05T2	1-05 * P			1	84
BR7 L	A04T2	1-06 * P			1-4/8	84
BR7 L	A02T2	1-07 * P			1	84
BR7 L	A01T2	1-08 * P			1-4/8	84
BR7 L	A03T2	1-09 * P			7	84
BR7 L	D03D2	1-10 * P			1-4/8	84
BR7 L	D01D2	1-11 * P			1	84
BR7 L	D02D2	1-12 * P			1-4/8	84
BR7 L	D04D2	1-13 * P			1	84
BR7 L	D05D2	1-14 * P			1	84
BR7 L	D06D2	1-15 * P			1	84
BR7 L	D07D2	1-16 * P			1	84
BR7 L	D08D2	1-17 * P			1	84
BR7 L	D09D2	1-18 * P			1	84
BR7 L		1			25-0/8 1400000000	84

DD11D.B RUN NAME	WRP288.V34(63)-1 23-AUG-76										8-NOV-76	14:38	PAGE 12	RUN NUMBER
A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW OPT	RV	RG	Y	X	Z	REMARKS	NC FLAG	LENGTH EXCEPTIONS	
BUS A00 L		B01H2	1-01 *	P						2				85
BUS A00 L		B02H2	1-02 *	P						1				85
BUS A00 L		B03H2	1-03 *	P						2				85
BUS A00 L		B04H2	1-04 *	P						1				85
BUS A00 L		B05H2	1-05 *	P						1				85
BUS A00 L		B06H2	1-06 *	P						2				85
BUS A00 L		B07H2	1-07 *	P						1				85
BUS A00 L		B08H2	1-08 *	P						2				85
BUS A00 L		B09H2	1-09 *	P						1		8-2/8		85
BUS A00 L		E09H2	1-10 *	P						2				85
BUS A00 L		E08H2	1-11 *	P						1				85
BUS A00 L		E07H2	1-12 *	P						2				85
BUS A00 L		E06H2	1-13 *	P						1				85
BUS A00 L		E05H2	1-14 *	P						2				85
BUS A00 L		E04H2	1-15 *	P						1				85
BUS A00 L		E03H2	1-16 *	P						2				85
BUS A00 L		E02H2	1-17 *	P						1				85
BUS A00 L		E01H2	1-18 *	P						1				85
BUS A00 L			1									24-2/8	1400000000	85

BUS A01 L		B01H1	1-01 *	P						2				86
BUS A01 L		B02H1	1-02 *	P						1				86
BUS A01 L		B03H1	1-03 *	P						2				86
BUS A01 L		B04H1	1-04 *	P						1				86
BUS A01 L		B05H1	1-05 *	P						1				86
BUS A01 L		B06H1	1-06 *	P						2				86
BUS A01 L		B07H1	1-07 *	P						1				86
BUS A01 L		B08H1	1-08 *	P						2				86
BUS A01 L		B09H1	1-09 *	P						1		8-2/8		86
BUS A01 L		E09H1	1-10 *	P						2				86
BUS A01 L		E08H1	1-11 *	P						1				86
BUS A01 L		E07H1	1-12 *	P						2				86
BUS A01 L		E06H1	1-13 *	P						1				86
BUS A01 L		E05H1	1-14 *	P						2				86
BUS A01 L		E04H1	1-15 *	P						1				86
BUS A01 L		E03H1	1-16 *	P						2				86
BUS A01 L		E02H1	1-17 *	P						1				86
BUS A01 L		E01H1	1-18 *	P						1				86
BUS A01 L			1									24-2/8	1400000000	86

DD11D.B RUN NAME	WRP288.V34(63)-1 23-AUG-76										8-NOV-76	14:38	PAGE 13	RUN NUMBER
A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW OPT	RV	RG	Y	X	Z	REMARKS	NC FLAG	LENGTH EXCEPTIONS	
BUS A02 L		B01J2	1-01 *	P						2				87
BUS A02 L		B02J2	1-02 *	P						1				87
BUS A02 L		B03J2	1-03 *	P						2				87
BUS A02 L		B04J2	1-04 *	P						1				87
BUS A02 L		B05J2	1-05 *	P						1		1-4/8		87
BUS A02 L		B07J2	1-06 *	P						1				87
BUS A02 L		B08J2	1-07 *	P						2				87
BUS A02 L		B09J2	1-08 *	P						2				87
BUS A02 L		B06J2	1-09 *	P						2		9-1/8		87
BUS A02 L		E09F1	1-10 *	P						2				87
BUS A02 L		E08F1	1-11 *	P						1				87
BUS A02 L		E07F1	1-12 *	P						2				87
BUS A02 L		E06F1	1-13 *	P						1				87
BUS A02 L		E05F1	1-14 *	P						2				87
BUS A02 L		E04F1	1-15 *	P						1				87
BUS A02 L		E03F1	1-16 *	P						2				87
BUS A02 L		E02F1	1-17 *	P						1				87
BUS A02 L		E01F1	1-18 *	P						1				87
BUS A02 L			1									26-5/8	1400000000	87

BUS A03 L		B01J1	1-01 *	P						1				88
BUS A03 L		B02J1	1-02 *	P						2				88
BUS A03 L		B03J1	1-03 *	P						1				88
BUS A03 L		B04J1	1-04 *	P						2				88
BUS A03 L		B05J1	1-05 *	P						2				88
BUS A03 L		B06J1	1-06 *	P						1				88
BUS A03 L		B07J1	1-07 *	P						2		1-4/8		88
BUS A03 L		B09J1	1-08 *	P						2				88
BUS A03 L		B08J1	1-09 *	P						1		9-5/8		88
BUS A03 L		E08V2	1-10 *	P						2				88
BUS A03 L		E09V2	1-11 *	P						1		1-4/8		88
BUS A03 L		E07V2	1-12 *	P						1				88
BUS A03 L		E06V2	1-13 *	P						2				88
BUS A03 L		E05V2	1-14 *	P						1				88
BUS A03 L		E04V2	1-15 *	P						2				88
BUS A03 L		E03V2	1-16 *	P						1				88
BUS A03 L		E02V2	1-17 *	P						2				88
BUS A03 L		E01V2	1-18 *	P						1				88
BUS A03 L			1									26-5/8	1400000000	88

DD11D.B RUN NAME	WRP288.V34(63)-1 A/P PIN NAME	23-AUG-76 ORDER PIN	BAY - ORDER	Q	DRAW OPT	RV RG Y	X	Z	REMARKS	8-NOV-76	14:38 NC LENGTH EXCEPTIONS FLAG	PAGE 14	RUN NUMBER
BUS A04 L	B01K2		1-01 *	P				2			1		89
BUS A04 L	B02K2		1-02 *	P				1			1		89
BUS A04 L	B03K2		1-03 *	P				2			1		89
BUS A04 L	B04K2		1-04 *	P				1			1		89
BUS A04 L	B05K2		1-05 *	P				1			1		89
BUS A04 L	B06K2		1-06 *	P				2			1		89
BUS A04 L	B07K2		1-07 *	P				1			1-4/8		89
BUS A04 L	B09K2		1-08 *	P				2			1		89
BUS A04 L	B08K2		1-09 *	P				2			9-2/8		89
BUS A04 L	E08U2		1-10 *	P				1			1		89
BUS A04 L	F09U2		1-11 *	P				2			1-4/8		89
BUS A04 L	E07U2		1-12 *	P				2			1		89
BUS A04 L	E06U2		1-13 *	P				1			1		89
BUS A04 L	E05U2		1-14 *	P				2			1		89
BUS A04 L	E04U2		1-15 *	P				1			1		89
BUS A04 L	E03U2		1-16 *	P				2			1		89
BUS A04 L	E02U2		1-17 *	P				1			1		89
BUS A04 L	E01U2		1-18 *	P				1			1		89
BUS A04 L			1								26-2/8 1400000000		89
BUS A05 L	B01K1		1-01 *	P				1			1		90
BUS A05 L	B02K1		1-02 *	P				2			1		90
BUS A05 L	B03K1		1-03 *	P				1			1		90
BUS A05 L	B04K1		1-04 *	P				2			1		90
BUS A05 L	B05K1		1-05 *	P				2			1		90
BUS A05 L	B06K1		1-06 *	P				1			1		90
BUS A05 L	B07K1		1-07 *	P				2			1-4/8		90
BUS A05 L	B09K1		1-08 *	P				2			1		90
BUS A05 L	B08K1		1-09 *	P				1			9-3/8		90
BUS A05 L	E08V1		1-10 *	P				2			1		90
BUS A05 L	E09V1		1-11 *	P				1			1-4/8		90
BUS A05 L	E07V1		1-12 *	P				1			1		90
BUS A05 L	E06V1		1-13 *	P				2			1		90
BUS A05 L	E05V1		1-14 *	P				1			1		90
BUS A05 L	E04V1		1-15 *	P				2			1		90
BUS A05 L	E03V1		1-16 *	P				1			1		90
BUS A05 L	E02V1		1-17 *	P				2			1		90
BUS A05 L	E01V1		1-18 *	P				1			1		90
BUS A05 L			1								26-3/8 1400000000		90

DD11D.B RUN NAME	WRP288.V34(63)-1 A/P PIN NAME	23-AUG-76 ORDER PIN	BAY - ORDER	Q	DRAW OPT	RV RG Y	X	Z	REMARKS	8-NOV-76	14:38 NC LENGTH EXCEPTIONS FLAG	PAGE 15	RUN NUMBER
BUS A06 L	B01L2		1-01 *	P				2			1		91
BUS A06 L	B02L2		1-02 *	P				1			1		91
BUS A06 L	B03L2		1-03 *	P				2			1		91
BUS A06 L	B04L2		1-04 *	P				1			1		91
BUS A06 L	B05L2		1-05 *	P				1			1		91
BUS A06 L	B06L2		1-06 *	P				2			1		91
BUS A06 L	B07L2		1-07 *	P				1			1-4/8		91
BUS A06 L	B09L2		1-08 *	P				2			1		91
BUS A06 L	B08L2		1-09 *	P				2			9-3/8		91
BUS A06 L	F08U1		1-10 *	P				1			1		91
BUS A06 L	E09U1		1-11 *	P				2			1-4/8		91
BUS A06 L	E07U1		1-12 *	P				2			1		91
BUS A06 L	E06U1		1-13 *	P				1			1		91
BUS A06 L	E05U1		1-14 *	P				2			1		91
BUS A06 L	E04U1		1-15 *	P				1			1		91
BUS A06 L	E03U1		1-16 *	P				2			1		91
BUS A06 L	E02U1		1-17 *	P				1			1		91
BUS A06 L	E01U1		1-18 *	P				1			1		91
BUS A06 L			1								26-3/8 1400000000		91
BUS A07 L	B01L1		1-01 *	P				1			1		92
BUS A07 L	B02L1		1-02 *	P				2			1		92
BUS A07 L	B03L1		1-03 *	P				1			1		92
BUS A07 L	B04L1		1-04 *	P				2			1		92
BUS A07 L	B05L1		1-05 *	P				2			1		92
BUS A07 L	B06L1		1-06 *	P				1			1		92
BUS A07 L	B07L1		1-07 *	P				2			1-4/8		92
BUS A07 L	B09L1		1-08 *	P				2			1		92
BUS A07 L	B08L1		1-09 *	P				1			8-5/8		92
BUS A07 L	E08P2		1-10 *	P				2			1		92
BUS A07 L	E09P2		1-11 *	P				1			1-4/8		92
BUS A07 L	E07P2		1-12 *	P				1			1		92
BUS A07 L	E06P2		1-13 *	P				2			1		92
BUS A07 L	E05P2		1-14 *	P				1			1		92
BUS A07 L	E04P2		1-15 *	P				2			1		92
BUS A07 L	E03P2		1-16 *	P				1			1		92
BUS A07 L	E02P2		1-17 *	P				2			1		92
BUS A07 L	E01P2		1-18 *	P				1			1		92
BUS A07 L			1								25-5/8 1400000000		92

DD11D.B RUN NAME	WRP288.V34(63)-1 23-AUG-76					8-NOV-76	14138	PAGE 16	NC LENGTH EXCEPTIONS	RUN NUMBER
A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW RV RG Y OPT	REMARKS	FLAG			
BUS A08 L	B01M2		1-01 *	P					93	
BUS A08 L	B02M2		1-02 *	P					93	
BUS A08 L	B03M2		1-03 *	P					93	
BUS A08 L	B04M2		1-04 *	P					93	
BUS A08 L	B05M2		1-05 *	P					93	
BUS A08 L	B06M2		1-06 *	P			1-4/8		93	
BUS A08 L	B08M2		1-07 *	P			1		93	
BUS A08 L	B09M2		1-08 *	P			1-4/8		93	
BUS A08 L	B07M2		1-09 *	P			8-3/8		93	
BUS A08 L	E07N2		1-10 *	P			1-4/8		93	
BUS A08 L	E09N2		1-11 *	P			1		93	
BUS A08 L	E08N2		1-12 *	P			1-4/8		93	
BUS A08 L	E06N2		1-13 *	P			1		93	
BUS A08 L	E05N2		1-14 *	P			1		93	
BUS A08 L	E04N2		1-15 *	P			1		93	
BUS A08 L	E03N2		1-16 *	P			1		93	
BUS A08 L	E02N2		1-17 *	P			1		93	
BUS A08 L	E01N2		1-18 *	P					93	
BUS A08 L			1				26-3/8 1400000000		93	
BUS A09 L	B01M1		1-01 *	P			1		94	
BUS A09 L	B02M1		1-02 *	P			1		94	
BUS A09 L	B03M1		1-03 *	P			1		94	
BUS A09 L	B04M1		1-04 *	P			1		94	
BUS A09 L	B05M1		1-05 *	P			1		94	
BUS A09 L	B06M1		1-06 *	P			1-4/8		94	
BUS A09 L	B08M1		1-07 *	P			1		94	
BUS A09 L	B09M1		1-08 *	P			1-4/8		94	
BUS A09 L	B07M1		1-09 *	P			8-5/8		94	
BUS A09 L	E07R1		1-10 *	P			1-4/8		94	
BUS A09 L	E09R1		1-11 *	P			1		94	
BUS A09 L	E08R1		1-12 *	P			1-4/8		94	
BUS A09 L	E06R1		1-13 *	P			1		94	
BUS A09 L	E05R1		1-14 *	P			1		94	
BUS A09 L	E04R1		1-15 *	P			1		94	
BUS A09 L	E03R1		1-16 *	P			1		94	
BUS A09 L	E02R1		1-17 *	P			1		94	
BUS A09 L	E01R1		1-18 *	P					94	
BUS A09 L			1				26-5/8 1400000000		94	

DD11D.B RUN NAME	WRP288.V34(63)-1 23-AUG-76					8-NOV-76	14138	PAGE 17	NC LENGTH EXCEPTIONS	RUN NUMBER
A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW RV RG Y OPT	REMARKS	FLAG			
BUS A10 L	B01N2		1-01 *	P					95	
BUS A10 L	B02N2		1-02 *	P					95	
BUS A10 L	B03N2		1-03 *	P					95	
BUS A10 L	B04N2		1-04 *	P					95	
BUS A10 L	B05N2		1-05 *	P					95	
BUS A10 L	B06N2		1-06 *	P			1-4/8		95	
BUS A10 L	B08N2		1-07 *	P			1		95	
BUS A10 L	B09N2		1-08 *	P			1-4/8		95	
BUS A10 L	B07N2		1-09 *	P			8-5/8		95	
BUS A10 L	E07P1		1-10 *	P			1-4/8		95	
BUS A10 L	E09P1		1-11 *	P			1		95	
BUS A10 L	E08P1		1-12 *	P			1-4/8		95	
BUS A10 L	E06P1		1-13 *	P			1		95	
BUS A10 L	E05P1		1-14 *	P			1		95	
BUS A10 L	E04P1		1-15 *	P			1		95	
BUS A10 L	E03P1		1-16 *	P			1		95	
BUS A10 L	E02P1		1-17 *	P			1		95	
BUS A10 L	E01P1		1-18 *	P					95	
BUS A10 L			1				26-5/8 1400000000		95	
BUS A11 L	B01N1		1-01 *	P			1		96	
BUS A11 L	B02N1		1-02 *	P			1		96	
BUS A11 L	B03N1		1-03 *	P			1		96	
BUS A11 L	B04N1		1-04 *	P			1		96	
BUS A11 L	B05N1		1-05 *	P			1		96	
BUS A11 L	B06N1		1-06 *	P			1-4/8		96	
BUS A11 L	B08N1		1-07 *	P			1		96	
BUS A11 L	B09N1		1-08 *	P			1-4/8		96	
BUS A11 L	B07N1		1-09 *	P			8		96	
BUS A11 L	E07L1		1-10 *	P			1-4/8		96	
BUS A11 L	E09L1		1-11 *	P			1		96	
BUS A11 L	E08L1		1-12 *	P			1-4/8		96	
BUS A11 L	E06L1		1-13 *	P			1		96	
BUS A11 L	E05L1		1-14 *	P			1		96	
BUS A11 L	E04L1		1-15 *	P			1		96	
BUS A11 L	E03L1		1-16 *	P			1		96	
BUS A11 L	E02L1		1-17 *	P			1		96	
BUS A11 L	E01L1		1-18 *	P					96	
BUS A11 L			1				26-0/8 1400000000		96	

DD11D.B RUN NAME	WRP288.V34(63)-1 A/P PIN NAME	ORDER PIN	23-AUG-76 BAY - ORDER	Q	DRAW	RV	RG	Y	X	Z	REMARKS	8-NOV-76 14:38 PAGE 18 NC LENGTH EXCEPTIONS FLAG	RUN NUMBER
BUS A12 L	B01P2		1-01 *	P						2		1	97
BUS A12 L	B02P2		1-02 *	P						1		1	97
BUS A12 L	B03P2		1-03 *	P						2		1	97
BUS A12 L	B04P2		1-04 *	P						1		1	97
BUS A12 L	B05P2		1-05 *	P						1		1	97
BUS A12 L	B06P2		1-06 *	P						2		1-4/8	97
BUS A12 L	B08P2		1-07 *	P						2		1	97
BUS A12 L	B09P2		1-08 *	P						2		1-4/8	97
BUS A12 L	B07P2		1-09 *	P						1		7-1/8	97
BUS A12 L	E07C1		1-10 *	P						2		1-4/8	97
BUS A12 L	E09C1		1-11 *	P						2		1	97
BUS A12 L	E08C1		1-12 *	P						1		1-4/8	97
BUS A12 L	E06C1		1-13 *	P						1		1	97
BUS A12 L	E05C1		1-14 *	P						2		1	97
BUS A12 L	E04C1		1-15 *	P						1		1	97
BUS A12 L	E03C1		1-16 *	P						2		1	97
BUS A12 L	E02C1		1-17 *	P						1		1	97
BUS A12 L	E01C1		1-18 *	P						1		1	97
BUS A12 L			1									25-1/8 1400000000	97
BUS A13 L	B01P1		1-01 *	P						1		1	98
BUS A13 L	B02P1		1-02 *	P						2		1	98
BUS A13 L	B03P1		1-03 *	P						1		1	98
BUS A13 L	B04P1		1-04 *	P						2		1	98
BUS A13 L	B05P1		1-05 *	P						2		1-4/8	98
BUS A13 L	B07P1		1-06 *	P						2		1	98
BUS A13 L	B08P1		1-07 *	P						1		1	98
BUS A13 L	B09P1		1-08 *	P						2		2	98
BUS A13 L	B06P1		1-09 *	P						1		7-7/8	98
BUS A13 L	E06K2		1-10 *	P						2		2	98
BUS A13 L	E09K2		1-11 *	P						1		1	98
BUS A13 L	E08K2		1-12 *	P						2		1	98
BUS A13 L	E07K2		1-13 *	P						1		1-4/8	98
BUS A13 L	E05K2		1-14 *	P						1		1	98
BUS A13 L	E04K2		1-15 *	P						2		1	98
BUS A13 L	E03K2		1-16 *	P						1		1	98
BUS A13 L	E02K2		1-17 *	P						2		1	98
BUS A13 L	E01K2		1-18 *	P						1		1	98
BUS A13 L			1									26-7/8 1400000000	98

DD11D.B RUN NAME	WRP288.V34(63)-1 A/P PIN NAME	ORDER PIN	23-AUG-76 BAY - ORDER	Q	DRAW	RV	RG	Y	X	Z	REMARKS	8-NOV-76 14:38 PAGE 19 NC LENGTH EXCEPTIONS FLAG	RUN NUMBER
BUS A14 L	B01R2		1-01 *	P						2		1	99
BUS A14 L	B02R2		1-02 *	P						1		1	99
BUS A14 L	B03R2		1-03 *	P						2		1	99
BUS A14 L	B04R2		1-04 *	P						1		1	99
BUS A14 L	B05R2		1-05 *	P						1		1-4/8	99
BUS A14 L	B07R2		1-06 *	P						1		1	99
BUS A14 L	B08R2		1-07 *	P						2		1	99
BUS A14 L	B09R2		1-08 *	P						2		2	99
BUS A14 L	B06R2		1-09 *	P						2		7-7/8	99
BUS A14 L	E06K1		1-10 *	P						1		2	99
BUS A14 L	E09K1		1-11 *	P						2		1	99
BUS A14 L	E08K1		1-12 *	P						1		1	99
BUS A14 L	E07K1		1-13 *	P						2		1-4/8	99
BUS A14 L	E05K1		1-14 *	P						2		1	99
BUS A14 L	E04K1		1-15 *	P						1		1	99
BUS A14 L	E03K1		1-16 *	P						2		1	99
BUS A14 L	E02K1		1-17 *	P						1		1	99
BUS A14 L	E01K1		1-18 *	P						1		1	99
BUS A14 L			1									26-7/8 1400000000	99
BUS A15 L	B01R1		1-01 *	P						1		1	100
BUS A15 L	B02R1		1-02 *	P						2		1	100
BUS A15 L	B03R1		1-03 *	P						1		1	100
BUS A15 L	B04R1		1-04 *	P						2		1	100
BUS A15 L	B05R1		1-05 *	P						2		1	100
BUS A15 L	B06R1		1-06 *	P						1		1	100
BUS A15 L	B07R1		1-07 *	P						2		1	100
BUS A15 L	B08R1		1-08 *	P						1		1	100
BUS A15 L	B09R1		1-09 *	P						1		7-1/8	100
BUS A15 L	E09D2		1-10 *	P						2		1	100
BUS A15 L	E08D2		1-11 *	P						1		1	100
BUS A15 L	E07D2		1-12 *	P						2		1	100
BUS A15 L	E06D2		1-13 *	P						1		1	100
BUS A15 L	E05D2		1-14 *	P						2		1	100
BUS A15 L	E04D2		1-15 *	P						1		1	100
BUS A15 L	E03D2		1-16 *	P						2		1	100
BUS A15 L	E02D2		1-17 *	P						1		1	100
BUS A15 L	E01D2		1-18 *	P						1		1	100
BUS A15 L			1									23-1/8 1400000000	100

DD11D.B RUN NAME	WRP288.V34(63)-1 23-AUG-76				Q	DRAW	RV	RG	Y	X	Z	REMARKS	8-NOV-76	14:38	PAGE 20	NC LENGTH EXCEPTIONS	RUN NUMBER
	A/P	PIN NAME	ORDER PIN	BAY - ORDER											FLAG		
BUS A16 L		B01S2		1-01 *	P						2				1		101
BUS A16 L		B02S2		1-02 *	P						1				1		101
BUS A16 L		B03S2		1-03 *	P						2				1		101
BUS A16 L		B04S2		1-04 *	P						1				1		101
BUS A16 L		B05S2		1-05 *	P						1				1-4/8		101
BUS A16 L		B07S2		1-06 *	P						1				1		101
BUS A16 L		B08S2		1-07 *	P						2				1		101
BUS A16 L		B09S2		1-08 *	P						2				2		101
BUS A16 L		B06S2		1-09 *	P						2				7		101
BUS A16 L		E06E2		1-10 *	P						1				2		101
BUS A16 L		E09E2		1-11 *	P						2				1		101
BUS A16 L		E08E2		1-12 *	P						1				1		101
BUS A16 L		E07E2		1-13 *	P						2				1-4/8		101
BUS A16 L		E05E2		1-14 *	P						2				1		101
BUS A16 L		E04E2		1-15 *	P						1				1		101
BUS A16 L		E03E2		1-16 *	P						2				1		101
BUS A16 L		E02E2		1-17 *	P						1				1		101
BUS A16 L		E01E2		1-18 *													101
BUS A16 L				1											26-0/8 1400000000		101
BUS A17 L		B01S1		1-01 *	P						1				1		102
BUS A17 L		B02S1		1-02 *	P						2				1		102
BUS A17 L		B03S1		1-03 *	P						1				1		102
BUS A17 L		B04S1		1-04 *	P						2				1		102
BUS A17 L		B05S1		1-05 *	P						2				1-4/8		102
BUS A17 L		B07S1		1-06 *	P						2				1		102
BUS A17 L		B08S1		1-07 *	P						1				1		102
BUS A17 L		B09S1		1-08 *	P						2				2		102
BUS A17 L		B06S1		1-09 *	P						1				6-7/8		102
BUS A17 L		E06D1		1-10 *	P						2				2		102
BUS A17 L		E09D1		1-11 *	P						1				1		102
BUS A17 L		E08D1		1-12 *	P						2				1		102
BUS A17 L		E07D1		1-13 *	P						1				1-4/8		102
BUS A17 L		E05D1		1-14 *	P						1				1		102
BUS A17 L		E04D1		1-15 *	P						2				1		102
BUS A17 L		E03D1		1-16 *	P						1				1		102
BUS A17 L		E02D1		1-17 *	P						2				1		102
BUS A17 L		E01D1		1-18 *													102
BUS A17 L				1											25-7/8 1400000000		102

DD11D.B RUN NAME	WRP288.V34(63)-1 23-AUG-76				Q	DRAW	RV	RG	Y	X	Z	REMARKS	8-NOV-76	14:38	PAGE 21	NC LENGTH EXCEPTIONS	RUN NUMBER
	A/P	PIN NAME	ORDER PIN	BAY - ORDER											FLAG		
BUS D00 L		A09C1		1-01 *							1				1		103
BUS D00 L		A08C1		1-02 *							2				1		103
BUS D00 L		A07C1		1-03 *							1				1		103
BUS D00 L		A06C1		1-04 *							2				1		103
BUS D00 L		A05C1		1-05 *							1				1		103
BUS D00 L		A04C1		1-06 *							2				1		103
BUS D00 L		A03C1		1-07 *							1				1		103
BUS D00 L		A02C1		1-08 *	P						2				1		103
BUS D00 L		A01C1		1-09 *							1				7-3/8		103
BUS D00 L		C01S2		1-10 *							2				1		103
BUS D00 L		C02S2		1-11 *							1				1		103
BUS D00 L		C03S2		1-12 *							2				1		103
BUS D00 L		C04S2		1-13 *							1				1		103
BUS D00 L		C05S2		1-14 *							2				1		103
BUS D00 L		C06S2		1-15 *							1				1		103
BUS D00 L		C07S2		1-16 *							2				1		103
BUS D00 L		C08S2		1-17 *							1				1		103
BUS D00 L		C09S2		1-18 *													103
BUS D00 L				1											23-3/8 1400000000		103
BUS D01 L		C09R2		1-01 *	P						2				1		104
BUS D01 L		C08R2		1-02 *	P						1				1		104
BUS D01 L		C07R2		1-03 *	P						2				1		104
BUS D01 L		C06R2		1-04 *	P						1				1		104
BUS D01 L		C05R2		1-05 *	P						2				1		104
BUS D01 L		C04R2		1-06 *	P						1				1		104
BUS D01 L		C03R2		1-07 *	P						2				1		104
BUS D01 L		C02R2		1-08 *	P						1				1		104
BUS D01 L		C01R2		1-09 *	P						2				7		104
BUS D01 L		A01D2		1-10 *	P						2				1		104
BUS D01 L		A02D2		1-11 *	P						1				1		104
BUS D01 L		A03D2		1-12 *	P						2				1		104
BUS D01 L		A04D2		1-13 *							1				1		104
BUS D01 L		A05D2		1-14 *	P						1				1		104
BUS D01 L		A06D2		1-15 *	F						2				1		104
BUS D01 L		A07D2		1-16 *	P						1				1		104
BUS D01 L		A08D2		1-17 *	P						2				1		104
BUS D01 L		A09D2		1-18 *													104
BUS D01 L				1											23-0/8 1400000000		104

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DD11D.B RUN NAME	WRP288.V34(63)-1 A/P PIN NAME	23-AUG-76 ORDER PIN	BAY - ORDER	Q	DRAW OPT	RV PG Y	X	Z	REMARKS	8-Nov-76	14:38 NC LENGTH FLAG	PAGE 28 EXCEPTIONS	RUN NUMBER
BUS D08 L	A09H1		1-01 *	P				2			1		111
BUS D08 L	A08H1		1-02 *	P				1			1		111
BUS D08 L	A07H1		1-03 *	P				2			1		111
BUS D08 L	A06H1		1-04 *	P				1			1		111
BUS D08 L	A05H1		1-05 *	P				2			1		111
BUS D08 L	A04H1		1-06 *	P				2			1		111
BUS D08 L	A03H1		1-07 *	P				1			1-4/8		111
BUS D08 L	A01H1		1-08 *	P				1			1		111
BUS D08 L	A02H1		1-09 *	P				2			6-3/8		111
BUS D08 L	C02L2		1-10 *	P				2			1		111
BUS D08 L	C01L2		1-11 *	P				1			1-4/8		111
BUS D08 L	C03L2		1-12 *	P				1			1		111
BUS D08 L	C04L2		1-13 *	P				2			1-4/8		111
BUS D08 L	C06L2		1-14 *	P				2			1		111
BUS D08 L	C07L2		1-15 *	P				1			1		111
BUS D08 L	C08L2		1-16 *	P				2			1		111
BUS D08 L	C09L2		1-17 *	P				1			2-4/8		111
BUS D08 L	C05L2		1-18 *	P				1			8-5/8		111
BUS D08 L	F05K1		1-19 *	P				1			2-4/8		111
BUS D08 L	F01K1		1-20 *	P				1			1		111
BUS D08 L	F02K1		1-21 *	P				2			1		111
BUS D08 L	F03K1		1-22 *	P				1			1		111
BUS D08 L	F04K1		1-23 *	P				2			1-4/8		111
BUS D08 L	F06K1		1-24 *	P				2			1		111
BUS D08 L	F07K1		1-25 *	P				1			1		111
BUS D08 L	F08K1		1-26 *	P				2			1		111
BUS D08 L	F09K1		1-27 *	P									111
BUS D08 L			1								44-0/8 1400000000		111
BUS D09 L	A09J2		1-01 *	P				2			1		112
BUS D09 L	A08J2		1-02 *	P				2			1		112
BUS D09 L	A07J2		1-03 *	P				1			1		112
BUS D09 L	A06J2		1-04 *	P				2			1		112
BUS D09 L	A05J2		1-05 *	P				1			1		112
BUS D09 L	A04J2		1-06 *	P				1			1		112
BUS D09 L	A03J2		1-07 *	P				2			1-4/8		112
BUS D09 L	A01J2		1-08 *	P				2			1		112
BUS D09 L	A02J2		1-09 *	P				1			5-7/8		112
BUS D09 L	C02K2		1-10 *	P				1			1		112
BUS D09 L	C01K2		1-11 *	P				2			1-4/8		112
BUS D09 L	C03K2		1-12 *	P				2			1		112
BUS D09 L	C04K2		1-13 *	P				1			1		112
BUS D09 L	C05K2		1-14 *	P				2			1		112
BUS D09 L	C06K2		1-15 *	P				1			1		112
BUS D09 L	C07K2		1-16 *	P				2			1		112
BUS D09 L	C08K2		1-17 *	P				1			1		112
BUS D09 L	C09K2		1-18 *	P									112
BUS D09 L			1								22-7/8 1400000000		112

DD11D.B RUN NAME	WRP288.V34(63)-1 A/P PIN NAME	23-AUG-76 ORDER PIN	BAY - ORDER	Q	DRAW OPT	RV PG Y	X	Z	REMARKS	8-Nov-76	14:38 NC LENGTH FLAG	PAGE 29 EXCEPTIONS	RUN NUMBER
BUS D10 L	A09J1		1-01 *	P				2			1		113
BUS D10 L	A08J1		1-02 *	P				1			1		113
BUS D10 L	A07J1		1-03 *	P				2			1		113
BUS D10 L	A06J1		1-04 *	P				1			1		113
BUS D10 L	A05J1		1-05 *	P				2			1		113
BUS D10 L	A04J1		1-06 *	P				2			1		113
BUS D10 L	A03J1		1-07 *	P				1			1-4/8		113
BUS D10 L	A01J1		1-08 *	P				1			1		113
BUS D10 L	A02J1		1-09 *	P				2			5-7/8		113
BUS D10 L	C02J2		1-10 *	P				2			1		113
BUS D10 L	C01J2		1-11 *	P				1			1-4/8		113
BUS D10 L	C03J2		1-12 *	P				1			1		113
BUS D10 L	C04J2		1-13 *	P				2			1		113
BUS D10 L	C05J2		1-14 *	P				1			1		113
BUS D10 L	C06J2		1-15 *	P				2			1		113
BUS D10 L	C07J2		1-16 *	P				1			1		113
BUS D10 L	C08J2		1-17 *	P				2			1		113
BUS D10 L	C09J2		1-18 *	P									113
BUS D10 L			1								22-7/8 1400000000		113
BUS D11 L	A09K2		1-01 *	P				1			1		114
BUS D11 L	A08K2		1-02 *	P				2			1		114
BUS D11 L	A07K2		1-03 *	P				1			1		114
BUS D11 L	A06K2		1-04 *	P				2			1		114
BUS D11 L	A05K2		1-05 *	P				1			1		114
BUS D11 L	A04K2		1-06 *	P				1			1-4/8		114
BUS D11 L	A02K2		1-07 *	P				1			1		114
BUS D11 L	A01K2		1-08 *	P				2			1-4/8		114
BUS D11 L	A03K2		1-09 *	P				2			5-5/8		114
BUS D11 L	C03H1		1-10 *	P				2			1-4/8		114
BUS D11 L	C01H1		1-11 *	P				2			1		114
BUS D11 L	C02H1		1-12 *	P				1			1-4/8		114
BUS D11 L	C04H1		1-13 *	P				1			1		114
BUS D11 L	C05H1		1-14 *	P				2			1		114
BUS D11 L	C06H1		1-15 *	P				1			1		114
BUS D11 L	C07H1		1-16 *	P				2			1		114
BUS D11 L	C08H1		1-17 *	P				1			1		114
BUS D11 L	C09H1		1-18 *	P									114
BUS D11 L			1								23-5/8 1400000000		114

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DD11D.B RUN NAME	WRP288.V34(63)-1 A/P PIN NAME	23-AUG-76 ORDER PIN	BAY - ORDER	Q	DRAW OPT	RV RG Y	X	Z	REMARKS	8-NOV-76	14:38 NC LENGTH FLAG	PAGE 30 EXCEPTIONS	RUN NUMBER
BUS D12 L	A09K1		1-01 *	P				1					115
BUS D12 L	A08K1		1-02 *	P				1					115
BUS D12 L	A07K1		1-03 *	P				2					115
BUS D12 L	A06K1		1-04 *	P				1					115
BUS D12 L	A05K1		1-05 *	P				2					115
BUS D12 L	A04K1		1-06 *	P				2					115
BUS D12 L	A01K1		1-07 *	P				1					115
BUS D12 L	A02K1		1-08 *	P				2					115
BUS D12 L	A03K1		1-09 *	P				1					115
BUS D12 L	C03H2		1-10 *	P				1				5-5/8	115
BUS D12 L	C01H2		1-11 *	P				1				1-4/8	115
BUS D12 L	C02H2		1-12 *	P				2				1-4/8	115
BUS D12 L	C04H2		1-13 *	P				2					115
BUS D12 L	C05H2		1-14 *	P				1					115
BUS D12 L	C06H2		1-15 *	P				2					115
BUS D12 L	C07H2		1-16 *	P				1					115
BUS D12 L	C08H2		1-17 *	P				2					115
BUS D12 L	C09H2		1-18 *	P				1					115
BUS D12 L			1									23-5/8 1400000000	115

BUS D13 L	A09L2		1-01 *	P				1					116
BUS D13 L	A08L2		1-02 *	P				1					116
BUS D13 L	A07L2		1-03 *	P				2					116
BUS D13 L	A06L2		1-04 *	P				1					116
BUS D13 L	A05L2		1-05 *	P				2					116
BUS D13 L	A04L2		1-06 *	P				2				1-4/8	116
BUS D13 L	A02L2		1-07 *	P				2					116
BUS D13 L	A01L2		1-08 *	P				1				1-4/8	116
BUS D13 L	A03L2		1-09 *	P				1				5-2/8	116
BUS D13 L	C03F2		1-10 *	P				1				1-4/8	116
BUS D13 L	C01F2		1-11 *	P				1					116
BUS D13 L	C02F2		1-12 *	P				2				1-4/8	116
BUS D13 L	C04F2		1-13 *	P				2					116
BUS D13 L	C05F2		1-14 *	P				1					116
BUS D13 L	C06F2		1-15 *	P				2					116
BUS D13 L	C07F2		1-16 *	P				1					116
BUS D13 L	C08F2		1-17 *	P				2					116
BUS D13 L	C09F2		1-18 *	P				1					116
BUS D13 L			1									23-2/8 1400000000	116

DD11D.B RUN NAME	WRP288.V34(63)-1 A/P PIN NAME	23-AUG-76 ORDER PIN	BAY - ORDER	Q	DRAW OPT	RV RG Y	X	Z	REMARKS	8-NOV-76	14:38 NC LENGTH FLAG	PAGE 31 EXCEPTIONS	RUN NUMBER
BUS D14 L	A09L1		1-01 *	P				1					117
BUS D14 L	A08L1		1-02 *	P				1					117
BUS D14 L	A07L1		1-03 *	P				2					117
BUS D14 L	A06L1		1-04 *	P				1					117
BUS D14 L	A05L1		1-05 *	P				2					117
BUS D14 L	A04L1		1-06 *	P				2				1-4/8	117
BUS D14 L	A02L1		1-07 *	P				2					117
BUS D14 L	A01L1		1-08 *	P				1				1-4/8	117
BUS D14 L	A03L1		1-09 *	P				1				5-1/8	117
BUS D14 L	C03E2		1-10 *	P				1				1-4/8	117
BUS D14 L	C01E2		1-11 *	P				1					117
BUS D14 L	C02E2		1-12 *	P				2				1-4/8	117
BUS D14 L	C04E2		1-13 *	P				2					117
BUS D14 L	C05E2		1-14 *	P				1					117
BUS D14 L	C06E2		1-15 *	P				2					117
BUS D14 L	C07E2		1-16 *	P				1					117
BUS D14 L	C08E2		1-17 *	P				2					117
BUS D14 L	C09E2		1-18 *	P				1					117
BUS D14 L			1									23-1/8 1400000000	117

BUS D15 L	A09M2		1-01 *	P				1					118
BUS D15 L	A08M2		1-02 *	P				1					118
BUS D15 L	A07M2		1-03 *	P				2					118
BUS D15 L	A06M2		1-04 *	P				1					118
BUS D15 L	A05M2		1-05 *	P				2					118
BUS D15 L	A04M2		1-06 *	P				2					118
BUS D15 L	A03M2		1-07 *	P				1					118
BUS D15 L	A02M2		1-08 *	P				2					118
BUS D15 L	A01M2		1-09 *	P				1				4-7/8	118
BUS D15 L	C01D2		1-10 *	P				2					118
BUS D15 L	C02D2		1-11 *	P				1					118
BUS D15 L	C03D2		1-12 *	P				2					118
BUS D15 L	C04D2		1-13 *	P				1					118
BUS D15 L	C05D2		1-14 *	P				2					118
BUS D15 L	C06D2		1-15 *	P				1					118
BUS D15 L	C07D2		1-16 *	P				2					118
BUS D15 L	C08D2		1-17 *	P				1					118
BUS D15 L	C09D2		1-18 *	P				1					118
BUS D15 L			1									20-7/8 1400000000	118

C BG IN	D03U2		1-01 *					1				3-7/8	119
C BG IN	F03B1		1-02 *					1					119
C BG IN			1									3-7/8 1400000000	119

C BG OUT	D03V2		1-01 *					1				3-7/8	120
C BG OUT	F03A1		1-02 *					1					120
C BG OUT			1									3-7/8 1400000000	120

C BR OUT	D03J2		1-01 *					1				6-5/8	121
C BR OUT	F03P1		1-02 *					2					121
C BR OUT	F03U2		1-03 *					1					121
C BR OUT			1									7-5/8 1400000000	121

C IN	D03H1		1-01 *					1				3-4/8	122
C IN	E03M1		1-02 *					1					122
C IN			1									3-4/8 1400000000	122

DD11D.B RUN NAME	WRP288.V34(63)-1 A/P PIN NAME	ORDER PIN	23-AUG-76 BAY - ORDER	Q	DRAW OPT	RV RG Y	X	Z	REMARKS	8-NOV-76	14:38 PAGE 32 NC LENGTH EXCEPTIONS FLAG	RUN NUMBER
C INT A	D03N1		1-01 *					1			6-3/8	123
C INT A	F03U1		1-02 *									123
C INT A			1								6-3/8 1400000000	123
C INT B	C03J1		1-01 *					1			8-5/8	124
C INT B	F03K2		1-02 *									124
C INT B			1								8-5/8 1400000000	124
C INT ENB A	D03M1		1-01 *					1			6-5/8	125
C INT ENB A	F03V1		1-02 *									125
C INT ENB A			1								6-5/8 1400000000	125
C INT ENB B	C03L1		1-01 *					1			8-1/8	126
C INT ENB B	F03H2		1-02 *									126
C INT ENB B			1								8-1/8 1400000000	126
C OUT HIGP	D03K1		1-01 *					1			3-3/8	127
C OUT HIGP	E03M2		1-02 *									127
C OUT HIGP			1								3-3/8 1400000000	127
C OUT LOW	D03D1		1-01 *					1			4	128
C OUT LOW	E03N1		1-02 *									128
C OUT LOW			1								4-0/8 1400000000	128
C SEL 0	D03F1		1-01 *					1			4-1/8	129
C SEL 0	E03S2		1-02 *									129
C SEL 0			1								4-1/8 1400000000	129
C SEL 4	D03E1		1-01 *					1			4-3/8	130
C SEL 4	E03R2		1-02 *									130
C SEL 4			1								4-3/8 1400000000	130
C SEL 6	D03C1		1-01 *					1			4-4/8	131
C SEL 6	E03S1		1-02 *									131
C SEL 6			1								4-4/8 1400000000	131
C SER 2	D03J1		1-01 *					1			4-1/8	132
C SER 2	E03T2		1-02 *									132
C SER 2			1								4-1/8 1400000000	132
C SSYN IN H	D03V1		1-01 *					1			1	133
C SSYN IN H	E03B1		1-02 *									133
C SSYN IN H			1								1-0/8 1400000000	133

DD11D.B RUN NAME	WRP288.V34(63)-1 A/P PIN NAME	ORDER PIN	23-AUG-76 BAY - ORDER	Q	DRAW OPT	RV RG Y	X	Z	REMARKS	8-NOV-76	14:38 PAGE 33 NC LENGTH EXCEPTIONS FLAG	RUN NUMBER
C0 L	B01U2		1-01 *					1			1	134
C0 L	B02U2		1-02 *					2			1	134
C0 L	B03U2		1-03 *					1			1	134
C0 L	B04U2		1-04 *					2			1	134
C0 L	B05U2		1-05 *					1			1	134
C0 L	B06U2		1-06 *					2			1	134
C0 L	B07U2		1-07 *					1			1	134
C0 L	B08U2		1-08 *					2			1	134
C0 L	B09U2		1-09 *					1			7-1/8	134
C0 L	E09J2		1-10 *		P			1			1	134
C0 L	E08J2		1-11 *		P			2			1	134
C0 L	E07J2		1-12 *		P			1			1	134
C0 L	E06J2		1-13 *		P			2			1	134
C0 L	E05J2		1-14 *		P			1			1	134
C0 L	E04J2		1-15 *		P			2			1	134
C0 L	E03J2		1-16 *		P			1			1	134
C0 L	E02J2		1-17 *		P			2			1	134
C0 L	E01J2		1-18 *									134
C0 L			1								23-1/8 1400000000	134
C1 L	B01T2		1-01 *					2			1	135
C1 L	B02T2		1-02 *					1			1	135
C1 L	B03T2		1-03 *					2			1	135
C1 L	B04T2		1-04 *					1			1	135
C1 L	B05T2		1-05 *					2			1	135
C1 L	B06T2		1-06 *					1			1	135
C1 L	B07T2		1-07 *					2			1	135
C1 L	B08T2		1-08 *					1			1	135
C1 L	B09T2		1-09 *					2			7	135
C1 L	E09F2		1-10 *		P			2			1	135
C1 L	E08F2		1-11 *		P			1			1	135
C1 L	E07F2		1-12 *		P			2			1	135
C1 L	E06F2		1-13 *		P			1			1	135
C1 L	E05F2		1-14 *		P			2			1	135
C1 L	E04F2		1-15 *		P			1			1	135
C1 L	E03F2		1-16 *		P			2			1	135
C1 L	E02F2		1-17 *		P			1			1	135
C1 L	E01F2		1-18 *									135
C1 L			1								23-0/8 1400000000	135
D BG IN	D04U2		1-01 *					1			3-7/8	136
D BG IN	F04B1		1-02 *									136
D BG IN			1								3-7/8 1400000000	136
D BG OUT	D04V2		1-01 *					1			3-7/8	137
D BG OUT	F04A1		1-02 *									137
D BG OUT			1								3-7/8 1400000000	137
D BR OUT	D04J2		1-01 *					1			6-5/8	138
D BR OUT	F04P1		1-02 *					2			1	138
D BR OUT	F04U2		1-03 *									138
D BR OUT			1								7-5/8 1400000000	138
D IN	D04H1		1-01 *					1			3-4/8	139
D IN	E04M1		1-02 *									139
D IN			1								3-4/8 1400000000	139

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DD11D.B RUN NAME	WRP288.V34(63)-1 A/P PIN NAME	23-AUG-76 ORDER PIN	BAY - ORDER	Q	DRAW OPT	RV RG Y	X Z	REMARKS	8-NOV-76	14:38 NC LENGTH FLAG	PAGE 34 EXCEPTIONS	RUN NUMBER
D INT A	D04N1		1-01 *				1			6-3/8		140
D INT A	F04U1		1-02 *									140
D INT A			1							6-3/8 1400000000		140
D INT B	C04J1		1-01 *				1			8-5/8		141
D INT B	F04K2		1-02 *									141
D INT B			1							8-5/8 1400000000		141
D INT ENB A	D04M1		1-01 *				1			6-5/8		142
D INT ENB A	F04V1		1-02 *									142
D INT ENB A			1							6-5/8 1400000000		142
D INT ENB B	C04L1		1-01 *				1			8-1/8		143
D INT ENB B	F04H2		1-02 *									143
D INT ENB B			1							8-1/8 1400000000		143
D OUT HIGP	D04K1		1-01 *				1			3-3/8		144
D OUT HIGP	E04M2		1-02 *									144
D OUT HIGP			1							3-3/8 1400000000		144
D OUT LOW	D04D1		1-01 *				1			4		145
D OUT LOW	E04N1		1-02 *									145
D OUT LOW			1							4-0/8 1400000000		145
D SEL 0	D04F1		1-01 *				1			4-1/8		146
D SEL 0	E04S2		1-02 *									146
D SEL 0			1							4-1/8 1400000000		146
D SEL 4	D04E1		1-01 *				1			4-3/8		147
D SEL 4	E04R2		1-02 *									147
D SEL 4			1							4-3/8 1400000000		147
D SEL 6	D04C1		1-01 *				1			4-4/8		148
D SEL 6	E04S1		1-02 *									148
D SEL 6			1							4-4/8 1400000000		148
D SER 2	D04J1		1-01 *				1			4-1/8		149
D SER 2	E04T2		1-02 *									149
D SER 2			1							4-1/8 1400000000		149
D SSYN IN H	D04V1		1-01 *				1			1		150
D SSYN IN H	E04B1		1-02 *									150
D SSYN IN H			1							1-0/8 1400000000		150

DD11D.B RUN NAME	WRP288.V34(63)-1 A/P PIN NAME	23-AUG-76 ORDER PIN	BAY - ORDER	Q	DRAW OPT	RV RG Y	X Z	REMARKS	8-NOV-76	14:38 NC LENGTH FLAG	PAGE 35 EXCEPTIONS	RUN NUMBER
DC L	B01F2		1-01 *	P			2			1		151
DC L	B02F2		1-02 *	P			1			1		151
DC L	B03F2		1-03 *	P			2			1		151
DC L	B04F2		1-04 *				1			1		151
DC L	B05F2		1-05 *	P			1			1		151
DC L	B06F2		1-06 *	P			2			1		151
DC L	B07F2		1-07 *	P			1			1		151
DC L	B08F2		1-08 *	P			2			1		151
DC L	B09F2		1-09 *				1			3-7/8		151
DC L	C09N1		1-10 *	P			2			1		151
DC L	C08N1		1-11 *	P			1			1		151
DC L	C07N1		1-12 *	P			2			1		151
DC L	C06N1		1-13 *	P			1			1		151
DC L	C05N1		1-14 *	P			2			1		151
DC L	C04N1		1-15 *	P			1			1		151
DC L	C03N1		1-16 *	P			2			1		151
DC L	C02N1		1-17 *	P			1			1		151
DC L	C01N1		1-18 *									151
DC L			1							19-7/8 1400000000		151
E BG IN	D05U2		1-01 *				1			3-7/8		152
E BG IN	F05B1		1-02 *									152
E BG IN			1							3-7/8 1400000000		152
E BG OUT	D05V2		1-01 *				1			3-7/8		153
E BG OUT	F05A1		1-02 *									153
E BG OUT			1							3-7/8 1400000000		153
E BR OUT	D05J2		1-01 *				1			6-5/8		154
E BR OUT	F05P1		1-02 *				2			1		154
E BR OUT	F05U2		1-03 *									154
E BR OUT			1							7-5/8 1400000000		154
E IN	D05H1		1-01 *				1			3-4/8		155
E IN	E05M1		1-02 *									155
E IN			1							3-4/8 1400000000		155
E INT A	D05N1		1-01 *				1			6-3/8		156
E INT A	F05U1		1-02 *									156
E INT A			1							6-3/8 1400000000		156
E INT B	C05J1		1-01 *				1			8-5/8		157
E INT B	F05K2		1-02 *									157
E INT B			1							8-5/8 1400000000		157
E INT ENB A	D05M1		1-01 *				1			6-5/8		158
E INT ENB A	F05V1		1-02 *									158
E INT ENB A			1							6-5/8 1400000000		158
E INT ENB B	C05L1		1-01 *				1			8-1/8		159
E INT ENB B	F05H2		1-02 *									159
E INT ENB B			1							8-1/8 1400000000		159
E OUT HIGP	D05K1		1-01 *				1			3-3/8		160
E OUT HIGP	E05M2		1-02 *									160
E OUT HIGP			1							3-3/8 1400000000		160

DD11D.B RUN NAME	WRP288.V34(63)-1 23-AUG-76				Q	DRAW	RV	RG	Y	X	Z	REMARKS	8-NOV-76	14:38	PAGE 36	RUN NUMBER
	A/P	PIN NAME	ORDER PIN	BAY - ORDER									NC	LENGTH	EXCEPTIONS	
E OUT LOW		D05D1		1-01 *												161
E OUT LOW		E05N1		1-02 *												161
E OUT LOW				1									4-0/8	1400000000		161
E SEL 0		D05F1		1-01 *												162
E SEL 0		E05S2		1-02 *												162
E SEL 0				1									4-1/8	1400000000		162
E SEL 4		D05E1		1-01 *												163
E SEL 4		E05R2		1-02 *												163
E SEL 4				1									4-3/8	1400000000		163
E SEL 6		D05C1		1-01 *												164
E SEL 6		E05S1		1-02 *												164
E SEL 6				1									4-4/8	1400000000		164
E SER 2		D05J1		1-01 *												165
E SER 2		E05T2		1-02 *												165
E SER 2				1									4-1/8	1400000000		165
E SSYN IN H		D05V1		1-01 *												166
E SSYN IN H		E05B1		1-02 *												166
E SSYN IN H				1									1-0/8	1400000000		166
F BG IN		D06U2		1-01 *												167
F BG IN		F06B1		1-02 *												167
F BG IN				1									3-7/8	1400000000		167
F BG OUT		D06V2		1-01 *												168
F BG OUT		F06A1		1-02 *												168
F BG OUT				1									3-7/8	1400000000		168
F BR OUT		D06J2		1-01 *												169
F BR OUT		F06P1		1-02 *												169
F BR OUT		F06U2		1-03 *												169
F BR OUT				1									7-5/8	1400000000		169
F IN		D06H1		1-01 *												170
F IN		E06M1		1-02 *												170
F IN				1									3-4/8	1400000000		170
F INT A		D06N1		1-01 *												171
F INT A		F06U1		1-02 *												171
F INT A				1									6-3/8	1400000000		171
F INT B		C06J1		1-01 *												172
F INT B		F06K2		1-02 *												172
F INT B				1									8-5/8	1400000000		172
F INT ENB A		D06M1		1-01 *												173
F INT ENB A		F06V1		1-02 *												173
F INT ENB A				1									6-5/8	1400000000		173

DD11D.B RUN NAME	WRP288.V34(63)-1 23-AUG-76				Q	DRAW	RV	RG	Y	X	Z	REMARKS	8-NOV-76	14:38	PAGE 37	RUN NUMBER
	A/P	PIN NAME	ORDER PIN	BAY - ORDER									NC	LENGTH	EXCEPTIONS	
F INT ENB B		C06L1		1-01 *												174
F INT ENB B		F06H2		1-02 *												174
F INT ENB B				1									8-1/8	1400000000		174
F OUT HIGP		D06K1		1-01 *												175
F OUT HIGP		E06M2		1-02 *												175
F OUT HIGP				1									3-3/8	1400000000		175
F OUT LOW		D06D1		1-01 *												176
F OUT LOW		E06N1		1-02 *												176
F OUT LOW				1									4-0/8	1400000000		176
F SEL 0		D06F1		1-01 *												177
F SEL 0		F06S2		1-02 *												177
F SEL 0				1									4-1/8	1400000000		177
F SEL 4		D06E1		1-01 *												178
F SEL 4		E06R2		1-02 *												178
F SEL 4				1									4-3/8	1400000000		178
F SEL 6		D06C1		1-01 *												179
F SEL 6		E06S1		1-02 *												179
F SEL 6				1									4-4/8	1400000000		179
F SER 2		D06J1		1-01 *												180
F SER 2		E06T2		1-02 *												180
F SER 2				1									4-1/8	1400000000		180
F SSYN IN H		D06V1		1-01 *												181
F SSYN IN H		E06B1		1-02 *												181
F SSYN IN H				1									1-0/8	1400000000		181
F01D2		F01D2		1-01 *												182
F01D2		F01R2		1-02 *												182
F01D2		F01N1		1-03 *												182
F01D2				1									2-2/8	1400000000		182
F01E1		F01E1		1-01 *												183
F01E1		F01V2		1-02 *												183
F01E1				1									2-3/8	1400000000		183
F01L2		F01L2		1-01 *												184
F01L2		F01R1		1-02 *												184
F01L2				1									1-0/8	1400000000		184
F01M2		F01M2		1-01 *												185
F01M2		F01S1		1-02 *												185
F01M2				1									1-0/8	1400000000		185
F01P2		F01P2		1-01 *												186
F01P2		F01S2		1-02 *												186
F01P2				1									0-4/8	1400000000		186

DD11D.B RUN NAME	WRP288.V34(63)-1 A/P PIN ORDER PIN	23-AUG-76 BAY - Q ORDER	DRAW RV RG Y X Z OPT	REMARKS	8-NOV-76	14:30 NC LENGTH EXCEPTIONS FLAG	PAGE 38	RUN NUMBER
F02D2	F02D2	1-01 *				1-6/8		187
F02D2	F02R2	1-02 *				0-4/8		187
F02D2	F02N1	1-03 *						187
F02D2		1				2-2/8 1400000000		187
F02E1	F02E1	1-01 *				2-3/8		188
F02E1	F02V2	1-02 *				2-3/8 1400000000		188
F02E1		1						188
F02L2	F02L2	1-01 *				1		189
F02L2	F02R1	1-02 *				1-0/8 1400000000		189
F02L2		1						189
F02M2	F02M2	1-01 *				1		190
F02M2	F02S1	1-02 *				1-0/8 1400000000		190
F02M2		1						190
F02P2	F02P2	1-01 *				0-4/8		191
F02P2	F02S2	1-02 *				0-4/8 1400000000		191
F02P2		1						191
F03D2	F03D2	1-01 *				1-6/8		192
F03D2	F03R2	1-02 *				0-4/8		192
F03D2	F03N1	1-03 *				2-2/8 1400000000		192
F03D2		1						192
F03E1	F03E1	1-01 *				2-3/8		193
F03E1	F03V2	1-02 *				2-3/8 1400000000		193
F03E1		1						193
F03L2	F03L2	1-01 *				1		194
F03L2	F03R1	1-02 *				1-0/8 1400000000		194
F03L2		1						194
F03M2	F03M2	1-01 *				1		195
F03M2	F03S1	1-02 *				1-0/8 1400000000		195
F03M2		1						195
F03P2	F03P2	1-01 *				0-4/8		196
F03P2	F03S2	1-02 *				0-4/8 1400000000		196
F03P2		1						196
F04D2	F04D2	1-01 *				1-6/8		197
F04D2	F04R2	1-02 *				0-4/8		197
F04D2	F04N1	1-03 *				2-2/8 1400000000		197
F04D2		1						197
F04E1	F04E1	1-01 *				2-3/8		198
F04E1	F04V2	1-02 *				2-3/8 1400000000		198
F04E1		1						198
F04L2	F04L2	1-01 *				1		199
F04L2	F04R1	1-02 *				1-0/8 1400000000		199
F04L2		1						199

DD11D.B RUN NAME	WRP288.V34(63)-1 A/P PIN ORDER PIN	23-AUG-76 BAY - Q ORDER	DRAW RV RG Y X Z OPT	REMARKS	8-NOV-76	14:30 NC LENGTH EXCEPTIONS FLAG	PAGE 39	RUN NUMBER
F04M2	F04M2	1-01 *				1		200
F04M2	F04S1	1-02 *				1-0/8 1400000000		200
F04M2		1						200
F04P2	F04P2	1-01 *				0-4/8		201
F04P2	F04S2	1-02 *				0-4/8 1400000000		201
F04P2		1						201
F05D2	F05D2	1-01 *				1-6/8		202
F05D2	F05P2	1-02 *				0-4/8		202
F05D2	F05N1	1-03 *				2-2/8 1400000000		202
F05D2		1						202
F05E1	F05E1	1-01 *				2-3/8		203
F05E1	F05V2	1-02 *				2-3/8 1400000000		203
F05E1		1						203
F05L2	F05L2	1-01 *				1		204
F05L2	F05R1	1-02 *				1-0/8 1400000000		204
F05L2		1						204
F05M2	F05M2	1-01 *				1		205
F05M2	F05S1	1-02 *				1-0/8 1400000000		205
F05M2		1						205
F05P2	F05P2	1-01 *				0-4/8		206
F05P2	F05S2	1-02 *				0-4/8 1400000000		206
F05P2		1						206
F06D2	F06D2	1-01 *				1-6/8		207
F06D2	F06R2	1-02 *				0-4/8		207
F06D2	F06N1	1-03 *				2-2/8 1400000000		207
F06D2		1						207
F06E1	F06E1	1-01 *				2-3/8		208
F06E1	F06V2	1-02 *				2-3/8 1400000000		208
F06E1		1						208
F06L2	F06L2	1-01 *				1		209
F06L2	F06R1	1-02 *				1-0/8 1400000000		209
F06L2		1						209
F06M2	F06M2	1-01 *				1		210
F06M2	F06S1	1-02 *				1-0/8 1400000000		210
F06M2		1						210
F06P2	F06P2	1-01 *				0-4/8		211
F06P2	F06S2	1-02 *				0-4/8 1400000000		211
F06P2		1						211
F07D2	F07D2	1-01 *				1-6/8		212
F07D2	F07R2	1-02 *				0-4/8		212
F07D2	F07N1	1-03 *				2-2/8 1400000000		212
F07D2		1						212

DD11D.B RUN NAME	WRP288.V34(63)-1	23-AUG-76	A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW OPT	RV	RC	Y	X	Z	REMARKS	8-NOV-76	14:38	PAGE 40	NC FLAG	LENGTH EXCEPTIONS	RUN NUMBER
F07E1				F07E1		1-01 *							1						2-3/8	213
F07E1				F07V2		1-02 *														213
F07E1						1													2-3/8 1400000000	213
F07L2				F07L2		1-01 *							1						1	214
F07L2				F07R1		1-02 *													1-0/8 1400000000	214
F07L2						1														214
F07M2				F07M2		1-01 *							1						1	215
F07M2				F07S1		1-02 *													1-0/8 1400000000	215
F07M2						1														215
F07P2				F07P2		1-01 *							1						0-4/8	216
F07P2				F07S2		1-02 *													0-4/8 1400000000	216
F07P2						1														216
F08D2				F08D2		1-01 *							2						1-6/8	217
F08D2				F08R2		1-02 *							1						0-4/8	217
F08D2				F08N1		1-03 *													2-2/8 1400000000	217
F08D2						1														217
F08E1				F08E1		1-01 *							1						2-3/8	218
F08E1				F08V2		1-02 *													2-3/8 1400000000	218
F08E1						1														218
F08L2				F08L2		1-01 *							1						1	219
F08L2				F08R1		1-02 *													1-0/8 1400000000	219
F08L2						1														219
F08M2				F08M2		1-01 *							1						1	220
F08M2				F08S1		1-02 *													1-0/8 1400000000	220
F08M2						1														220
F08P2				F08P2		1-01 *							1						0-4/8	221
F08P2				F08S2		1-02 *													0-4/8 1400000000	221
F08P2						1														221
F09D2				F09D2		1-01 *							2						1-6/8	222
F09D2				F09R2		1-02 *							1						0-4/8	222
F09D2				F09N1		1-03 *													2-2/8 1400000000	222
F09D2						1														222
F09E1				F09E1		1-01 *							1						2-3/8	223
F09E1				F09V2		1-02 *													2-3/8 1400000000	223
F09E1						1														223
F09L2				F09L2		1-01 *							1						1	224
F09L2				F09R1		1-02 *													1-0/8 1400000000	224
F09L2						1														224
F09M2				F09M2		1-01 *							1						1	225
F09M2				F09S1		1-02 *													1-0/8 1400000000	225
F09M2						1														225

DD11D.B RUN NAME	WRP288.V34(63)-1	23-AUG-76	A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW OPT	RV	RC	Y	X	Z	REMARKS	8-NOV-76	14:38	PAGE 41	NC FLAG	LENGTH EXCEPTIONS	RUN NUMBER
F09P2				F09P2		1-01 *							1						0-4/8	226
F09P2				F09S2		1-02 *														226
F09P2						1													0-4/8 1400000000	226
GND (01)				A01C2		1-01 *	P						1						1	227
GND (01)				A02C2		1-02 *	P						2						1	227
GND (01)				A03C2		1-03 *	P						1						1	227
GND (01)				A04C2		1-04 *	P						2						1	227
GND (01)				A05C2		1-05 *	P						1						1	227
GND (01)				A06C2		1-06 *	P						2						1	227
GND (01)				A07C2		1-07 *	P						1						1	227
GND (01)				A08C2		1-08 *	P						2						1	227
GND (01)				A09C2		1-09 *	P						1						2-1/8	227
GND (01)				A09T1		1-10 *	P						2						1	227
GND (01)				A08T1		1-11 *	P						1						1	227
GND (01)				A07T1		1-12 *	P						2						1	227
GND (01)				A06T1		1-13 *	P						1						1	227
GND (01)				A05T1		1-14 *	P						2						1	227
GND (01)				A04T1		1-15 *	P						1						1	227
GND (01)				A03T1		1-16 *	P						2						1	227
GND (01)				A02T1		1-17 *	P						1						1	227
GND (01)				A01T1		1-18 *	P						2						1-5/8	227
GND (01)				B01C2		1-19 *	P						1						1	227
GND (01)				B02C2		1-20 *	P						2						1	227
GND (01)				B03C2		1-21 *	P						1						1	227
GND (01)				B04C2		1-22 *	P						2						1	227
GND (01)				B05C2		1-23 *	P						1						1	227
GND (01)				B06C2		1-24 *	P						2						1	227
GND (01)				B07C2		1-25 *	P						1						1	227
GND (01)				B08C2		1-26 *	P						2						1	227
GND (01)				B09C2		1-27 *	P						1						2-1/8	227
GND (01)				B09T1		1-28 *	P						2						1	227
GND (01)				B08T1		1-29 *	P						1						1	227
GND (01)				B07T1		1-30 *	P						2						1	227
GND (01)				B06T1		1-31 *	P						1						1	227
GND (01)				B05T1		1-32 *	P						2						1	227
GND (01)				B04T1		1-33 *	P						1						1	227
GND (01)				B03T1		1-34 *	P						2						1	227
GND (01)				B02T1		1-35 *	P						1						1	227
GND (01)				B01T1		1-36 *	P						2						1-3/8	227
GND (01)				C01C2		1-37 *	P						1						1	227
GND (01)				C02C2		1-38 *	P						2						1	227
GND (01)				C03C2		1-39 *	P						1						1	227
GND (01)				C04C2		1-40 *	P						2						1	227
GND (01)				C05C2		1-41 *	P						1						1	227
GND (01)				C06C2		1-42 *	P						2						1	227
GND (01)				C07C2		1-43 *	P						1						1	227
GND (01)				C08C2		1-44 *	P						2						1	227
GND (01)				C09C2		1-45 *	P						1						2-1/8	227
GND (01)				C09T1		1-46 *	P						2						1	227
GND (01)				C08T1		1-47 *	P						1						1	227
GND (01)				C07T1		1-48 *	P						2						1	227
GND (01)				C06T1		1-49 *	P						1						1	227
GND (01)				C05T1		1-50 *	P						2						1	227
GND (01)				C04T1		1-51 *	P						1						1	227
GND (01)				C03T1		1-52 *	P						2						1	227

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DD11D.B RUN NAME	WPP288.V34(63)-1 A/P PIN NAME	23-AUG-76 ORDER PIN	BAY - ORDER	Q	DRAW OPT	RV RG Y	X Z	REMARKS	8-NOV-76 14:38 PAGE 42 NC LENGTH EXCEPTIONS FLAG	RUN NUMBER
GND (01)	C02T1		1-53 *	P			1		1	227
GND (01)	C01T1		1-54 *	X						227
GND (01)			1						57-3/8 1400000000	227
GND (02)	D01C2		1-01 *	P			1		1	228
GND (02)	D02C2		1-02 *	P			2		1	228
GND (02)	D03C2		1-03 *	P			1		1	228
GND (02)	D04C2		1-04 *	P			2		1	228
GND (02)	D05C2		1-05 *	P			1		1	228
GND (02)	D06C2		1-06 *	P			2		1	228
GND (02)	D07C2		1-07 *	P			1		1	228
GND (02)	D08C2		1-08 *	P			2		1	228
GND (02)	D09C2		1-09 *	P			1		2-1/8	228
GND (02)	D09T1		1-10 *	P			2		1	228
GND (02)	D08T1		1-11 *	P			1		1	228
GND (02)	D07T1		1-12 *	P			2		1	228
GND (02)	D06T1		1-13 *	P			1		1	228
GND (02)	D05T1		1-14 *	P			2		1	228
GND (02)	D04T1		1-15 *	P			1		1	228
GND (02)	D03T1		1-16 *	P			2		1	228
GND (02)	D02T1		1-17 *	P			1		1	228
GND (02)	D01T1		1-18 *	P			2		1-3/8	228
GND (02)	E01C2		1-19 *	P			1		1	228
GND (02)	E02C2		1-20 *	P			2		1	228
GND (02)	E03C2		1-21 *	P			1		1	228
GND (02)	E04C2		1-22 *	P			2		1	228
GND (02)	E05C2		1-23 *	P			1		1	228
GND (02)	E06C2		1-24 *	P			2		1	228
GND (02)	E07C2		1-25 *	P			1		1	228
GND (02)	E08C2		1-26 *	P			2		1	228
GND (02)	E09C2		1-27 *	P			1		2-1/8	228
GND (02)	E09T1		1-28 *	P			2		1	228
GND (02)	E08T1		1-29 *	P			1		1	228
GND (02)	E07T1		1-30 *	P			2		1	228
GND (02)	E06T1		1-31 *	P			1		1	228
GND (02)	E05T1		1-32 *	P			2		1	228
GND (02)	E04T1		1-33 *	P			1		1	228
GND (02)	E03T1		1-34 *	P			2		1	228
GND (02)	E02T1		1-35 *	P			1		1	228
GND (02)	E01T1		1-36 *	P			2		1-5/8	228
GND (02)	F01C2		1-37 *	P			1		1	228
GND (02)	F02C2		1-38 *	P			2		1	228
GND (02)	F03C2		1-39 *	P			1		1	228
GND (02)	F04C2		1-40 *	P			2		1	228
GND (02)	F05C2		1-41 *	P			1		1	228
GND (02)	F06C2		1-42 *	P			2		1	228
GND (02)	F07C2		1-43 *	P			1		1	228
GND (02)	F08C2		1-44 *	P			2		1	228
GND (02)	F09C2		1-45 *	P			1		2-1/8	228
GND (02)	F09T1		1-46 *	P			2		1	228
GND (02)	F08T1		1-47 *	P			1		1	228
GND (02)	F07T1		1-48 *	P			2		1	228
GND (02)	F06T1		1-49 *	P			1		1	228
GND (02)	F05T1		1-50 *	P			2		1	228
GND (02)	F04T1		1-51 *	P			1		1	228
GND (02)	F03T1		1-52 *	P			2		1	228

DD11D.B RUN NAME	WPP288.V34(63)-1 A/P PIN NAME	23-AUG-76 ORDER PIN	BAY - ORDER	Q	DRAW OPT	RV RG Y	X Z	REMARKS	8-NOV-76 14:38 PAGE 43 NC LENGTH EXCEPTIONS FLAG	RUN NUMBER
GND (02)	F02T1		1-53 *	P			1		1	228
GND (02)	F01T1		1-54 *	X						228
GND (02)			1						57-3/8 1400000000	228
GND (03)	P09V2		1-01 *	P			2		2-3/8	229
GND (03)	R09E1		1-02 *	P			1		0-1/8	229
GND (03)	H09D1		1-03 *	P			2		0-4/8	229
GND (03)	B09B2		1-04 *	P			1		1-2/8	229
GND (03)	A09V2		1-05 *	P			2		0-5/8	229
GND (03)	A09S1		1-06 *	P			1		0-1/8	229
GND (03)	A09P1		1-07 *	P			2		0-1/8	229
GND (03)	A09P1		1-08 *	P			1		0-1/8	229
GND (03)	A09N1		1-09 *	P			2		1-7/8	229
GND (03)	A09B2		1-10 *	P			1		4-4/8	229
GND (03)	A01B2		1-11 *	P			2		1-7/8	229
GND (03)	A01N1		1-12 *	P			1		0-1/8	229
GND (03)	A01P1		1-13 *	P			2		0-1/8	229
GND (03)	A01R1		1-14 *	P			1		0-1/8	229
GND (03)	A01S1		1-15 *	P			2		0-5/8	229
GND (03)	A01V2		1-16 *	P			1		1-2/8	229
GND (03)	B01B2		1-17 *	P			2		0-4/8	229
GND (03)	B01D1		1-18 *	P			1		0-1/8	229
GND (03)	B01E1		1-19 *	P			2		2-3/8	229
GND (03)	B01V2		1-20 *	P			1		6-3/8	229
GND (03)	E01A1		1-21 *	P			2		1	229
GND (03)	E02A1		1-22 *	P			1		1	229
GND (03)	E03A1		1-23 *	P			2		1	229
GND (03)	E04A1		1-24 *	P			1		1	229
GND (03)	E05A1		1-25 *	P			2		1	229
GND (03)	E06A1		1-26 *	P			1		1	229
GND (03)	E07A1		1-27 *	P			2		1	229
GND (03)	E08A1		1-28 *	P			1		1	229
GND (03)	E09A1		1-29 *	P			2		4-3/8	229
GND (03)	F09J2		1-30 *	P			1		1	229
GND (03)	F08J2		1-31 *	P			2		1	229
GND (03)	F07J2		1-32 *	P			1		1	229
GND (03)	F06J2		1-33 *	P			2		1	229
GND (03)	F05J2		1-34 *	P			1		1	229
GND (03)	F04J2		1-35 *	P			2		1	229
GND (03)	F03J2		1-36 *	P			1		1	229
GND (03)	F02J2		1-37 *	P			2		1	229
GND (03)	F01J2		1-38 *	X						229
GND (03)			1						45-4/8 1400000000	229
H BG IN	D07U2		1-01 *				1		3-7/8	230
H BG IN	F07B1		1-02 *							230
H BG IN			1						3-7/8 1400000000	230
H BR OUT	D07V2		1-01 *				1		3-7/8	231
H BR OUT	F07A1		1-02 *							231
H BR OUT			1						3-7/8 1400000000	231
H BR OUT	D07J2		1-01 *				1		6-5/8	232
H BR OUT	F07P1		1-02 *				2		1	232
H BR OUT	F07U2		1-03 *							232
H BR OUT			1						7-5/8 1400000000	232

DD11D.B RUN NAME	WRP288.V34(63)-1 A/P PIN NAME	ORDER PIN	23-AUG-76 BAY - ORDER	Q	DRAW RV RG Y OPT	X	Z	REMARKS	8-NOV-76	14138 NC LENGTH FLAG	PAGE 44 EXCEPTIONS	RUN NUMBER
H IN	D07H1		1-01 *				1				3-4/8	233
H IN	E07M1		1-02 *									233
H IN			1								3-4/8 1400000000	233
H INT A	D07N1		1-01 *				1				6-3/8	234
H INT A	F07U1		1-02 *									234
H INT A			1								6-3/8 1400000000	234
H INT B	C07J1		1-01 *				1				8-5/8	235
H INT B	F07K2		1-02 *									235
H INT B			1								8-5/8 1400000000	235
H INT ENB A	D07M1		1-01 *				1				6-5/8	236
H INT ENB A	F07V1		1-02 *									236
H INT ENB A			1								6-5/8 1400000000	236
H INT ENB B	C07L1		1-01 *				1				8-1/8	237
H INT ENB B	F07H2		1-02 *									237
H INT ENB B			1								8-1/8 1400000000	237
H OUT HIGP	D07K1		1-01 *				1				3-3/8	238
H OUT HIGP	E07M2		1-02 *									238
H OUT HIGP			1								3-3/8 1400000000	238
H OUT LOW	D07D1		1-01 *				1				4	239
H OUT LOW	E07N1		1-02 *									239
H OUT LOW			1								4-0/8 1400000000	239
H SEL 0	D07F1		1-01 *				1				4-1/8	240
H SEL 0	E07S2		1-02 *									240
H SEL 0			1								4-1/8 1400000000	240
H SEL 4	D07E1		1-01 *				1				4-3/8	241
H SEL 4	E07R2		1-02 *									241
H SEL 4			1								4-3/8 1400000000	241
H SEL 6	D07C1		1-01 *				1				4-4/8	242
H SEL 6	E07S1		1-02 *									242
H SEL 6			1								4-4/8 1400000000	242
H SER 2	D07J1		1-01 *				1				4-1/8	243
H SER 2	E07T2		1-02 *									243
H SER 2			1								4-1/8 1400000000	243
H SSYN IN H	D07V1		1-01 *				1				1	244
H SSYN IN H	E07B1		1-02 *									244
H SSYN IN H			1								1-0/8 1400000000	244

DD11D.B RUN NAME	WRP288.V34(63)-1 A/P PIN NAME	ORDER PIN	23-AUG-76 BAY - ORDER	Q	DRAW RV RG Y OPT	X	Z	REMARKS	8-NOV-76	14138 NC LENGTH FLAG	PAGE 45 EXCEPTIONS	RUN NUMBER
HALT GRANT	C01R1		1-01 *	P			2				1	245
HALT GRANT	C02R1		1-02 *	P			1				1	245
HALT GRANT	C03R1		1-03 *	P			2				1	245
HALT GRANT	C04R1		1-04 *	P			1				1	245
HALT GRANT	C05R1		1-05 *	P			2				1	245
HALT GRANT	C06R1		1-06 *	P			1				1	245
HALT GRANT	C07R1		1-07 *	P			2				1	245
HALT GRANT	C08R1		1-08 *	P			1				1	245
HALT GRANT	C09R1		1-09 *	X								245
HALT GRANT			1								8-0/8 1400000000	245
HALT REQ	C01P1		1-01 *	P			2				1	246
HALT REQ	C02P1		1-02 *	P			1				1	246
HALT REQ	C03P1		1-03 *	P			2				1	246
HALT REQ	C04P1		1-04 *	P			1				1	246
HALT REQ	C05P1		1-05 *	P			2				1	246
HALT REQ	C06P1		1-06 *	P			1				1	246
HALT REQ	C07P1		1-07 *	P			2				1	246
HALT REQ	C08P1		1-08 *	P			1				1	246
HALT REQ	C09P1		1-09 *	X								246
HALT REQ			1								8-0/8 1400000000	246
INIT L	A01A1		1-01 *	P			1				1	247
INIT L	A02A1		1-02 *	P			2				1	247
INIT L	A03A1		1-03 *	P			1				1	247
INIT L	A04A1		1-04 *	P			2				1	247
INIT L	A05A1		1-05 *	P			2				1	247
INIT L	A06A1		1-06 *	P			1				1	247
INIT L	A07A1		1-07 *	P			2				1	247
INIT L	A08A1		1-08 *	P			1				1	247
INIT L	A09A1		1-09 *	H			2	TW PR			9-5/8	247
INIT L	D09L1		1-10 *	P			1				1	247
INIT L	D08L1		1-11 *	P			2				1	247
INIT L	D07L1		1-12 *	P			1				1	247
INIT L	D06L1		1-13 *	P			2				1	247
INIT L	D05L1		1-14 *	P			1				1	247
INIT L	D04L1		1-15 *	P			2				1	247
INIT L	D03L1		1-16 *	P			1				1	247
INIT L	D02L1		1-17 *	P			2				1	247
INIT L	D01L1		1-18 *	P								247
INIT L			1								25-5/8 1400000000	247
INT SSYN	B02E1		1-01 *	P			2				1	248
INT SSYN	B03E1		1-02 *	P			1				1	248
INT SSYN	B04E1		1-03 *	P			2				1	248
INT SSYN	B05E1		1-04 *	P			1				1	248
INT SSYN	B06E1		1-05 *	P			2				1	248
INT SSYN	B07E1		1-06 *	P			1				1	248
INT SSYN	B08E1		1-07 *	X								248
INT SSYN			1								6-0/8 1400000000	248

DD11D.8 RUN NAME	WRP288.V34(63)-1 A/P PIN NAME	23-AUG-76 ORDER PIN	BAY - ORDER	U	DRAW OPT	RV RG Y	X Z	REMARKS	8-NOV-76	14:38 NC LENGTH FLAG	PAGE 46 EXCEPTIONS	RUN NUMBER
INTR L	A09B1	1-01 *	P				1					249
INTR L	A08B1	1-02 *	P				2					249
INTR L	A07B1	1-03 *	P				1					249
INTR L	A06B1	1-04 *	P				2					249
INTR L	A05B1	1-05 *	P				1					249
INTR L	A04B1	1-06 *	P				1			1-4/8		249
INTR L	A02B1	1-07 *	P				1			1		249
INTR L	A01B1	1-08 *	P				2			1-4/8		249
INTR L	A03B1	1-09 *	P				2			14-7/8		249
INTR L	F03M1	1-10 *	P				2			1-4/8		249
INTR L	F01M1	1-11 *	P				2			1		249
INTR L	F02M1	1-12 *	P				1			1-4/8		249
INTR L	F04M1	1-13 *	P				1			1		249
INTR L	F05M1	1-14 *	P				2			1		249
INTR L	F06M1	1-15 *	P				1			1		249
INTR L	F07M1	1-16 *	P				2			1		249
INTR L	F08M1	1-17 *	P				1			1		249
INTR L	F09M1	1-18 *	P				1			32-7/8	1400000000	249
J A IN	D08H1	1-01 *					1			3-4/8		250
J A IN	E08M1	1-02 *					1			3-4/8	1400000000	250
J A IN		1					1					250
J BG IN	D08U2	1-01 *					1			3-7/8		251
J BG IN	F08B1	1-02 *					1			3-7/8	1400000000	251
J BG IN		1					1					251
J BG OUT	D08V2	1-01 *					1			3-7/8		252
J BG OUT	F08A1	1-02 *					1			3-7/8	1400000000	252
J BG OUT		1					1					252
J BR OUT	D08J2	1-01 *					1			6-5/8		253
J BR OUT	F08P1	1-02 *					2			1		253
J BR OUT	F08U2	1-03 *					1			7-5/8	1400000000	253
J BR OUT		1					1					253
J INT A	D08N1	1-01 *					1			6-3/8		254
J INT A	F08U1	1-02 *					1			6-3/8	1400000000	254
J INT A		1					1					254
J INT B	C08J1	1-01 *					1			8-5/8		255
J INT B	F08K2	1-02 *					1			8-5/8	1400000000	255
J INT B		1					1					255
J INT ENB A	D08M1	1-01 *					1			6-5/8		256
J INT ENB A	F08V1	1-02 *					1			6-5/8	1400000000	256
J INT ENB A		1					1					256
J INT ENB B	C08L1	1-01 *					1			8-1/8		257
J INT ENB B	F08H2	1-02 *					1			8-1/8	1400000000	257
J INT ENB B		1					1					257
J OUT HIGP	D08K1	1-01 *					1			3-3/8		258
J OUT HIGP	E08M2	1-02 *					1			3-3/8	1400000000	258
J OUT HIGP		1					1					258

DD11D.8 RUN NAME	WRP288.V34(63)-1 A/P PIN NAME	23-AUG-76 ORDER PIN	BAY - ORDER	U	DRAW OPT	RV RG Y	X Z	REMARKS	8-NOV-76	14:38 NC LENGTH FLAG	PAGE 47 EXCEPTIONS	RUN NUMBER
J OUT LOW	D08D1	1-01 *					1			4		259
J OUT LOW	E08N1	1-02 *					1			4-1/8	1400000000	259
J OUT LOW		1					1					259
J SEL 0	D08F1	1-01 *					1			4-1/8		260
J SEL 0	F08S2	1-02 *					1			4-1/8	1400000000	260
J SEL 0		1					1					260
J SEL 4	D08F1	1-01 *					1			4-3/8		261
J SEL 4	E08R2	1-02 *					1			4-3/8	1400000000	261
J SEL 4		1					1					261
J SEL 6	D08C1	1-01 *					1			4-4/8		262
J SEL 6	E08S1	1-02 *					1			4-4/8	1400000000	262
J SEL 6		1					1					262
J SER 2	D08J1	1-01 *					1			4-1/8		263
J SER 2	E08I2	1-02 *					1			4-1/8	1400000000	263
J SER 2		1					1					263
J SSYN IN H	D08V1	1-01 *					1			1		264
J SSYN IN H	F08R1	1-02 *					1			1-1/8	1400000000	264
J SSYN IN H		1					1					264
K A IN	D09H1	1-01 *					1			3-4/8		265
K A IN	F09M1	1-02 *					1			3-4/8	1400000000	265
K A IN		1					1					265
K BG IN	D09U2	1-01 *					1			3-7/8		266
K BG IN	F09B1	1-02 *					1			3-7/8	1400000000	266
K BG IN		1					1					266
K BG OUT	D09V2	1-01 *					1			3-7/8		267
K BG OUT	F09A1	1-02 *					1			3-7/8	1400000000	267
K BG OUT		1					1					267
K BR OUT	D09J2	1-01 *					1			6-5/8		268
K BR OUT	F09P1	1-02 *					2			1		268
K BR OUT	F09U2	1-03 *					1			7-5/8	1400000000	268
K BR OUT		1					1					268
K INT A	D09N1	1-01 *					1			6-3/8		269
K INT A	F09U1	1-02 *					1			6-3/8	1400000000	269
K INT A		1					1					269
K INT B	C09J1	1-01 *					1			8-5/8		270
K INT B	F09K2	1-02 *					1			8-5/8	1400000000	270
K INT B		1					1					270
K INT ENB A	D09M1	1-01 *					1			6-5/8		271
K INT ENB A	F09V1	1-02 *					1			6-5/8	1400000000	271
K INT ENB A		1					1					271

DD11D.B RUN NAME	WRP288.V34(63)-1 A/P PIN ORDER NAME PIN	23-AUG-76 BAY - ORDER	Q	DRAW	RV RG Y	X Z	REMARKS	8-NOV-76	14:38 PAGE 48 NC LENGTH EXCEPTIONS FLAG	RUN NUMBER
K INT ENB B	C09L1	1-01 *				1			8-1/8	272
K INT ENB B	F09H2	1-02 *								272
K INT ENB B		1							8-1/8 1400000000	272
K OUT HIGP	D09K1	1-01 *				1			3-3/8	273
K OUT HIGP	E09M2	1-02 *								273
K OUT HIGP		1							3-3/8 1400000000	273
K OUT LOW	D09D1	1-01 *				1			4	274
K OUT LOW	E09N1	1-02 *								274
K OUT LOW		1							4-0/8 1400000000	274
K SEL 0	D09F1	1-01 *				1			4-1/8	275
K SEL 0	E09S2	1-02 *								275
K SEL 0		1							4-1/8 1400000000	275
K SEL 4	D09E1	1-01 *				1			4-3/8	276
K SEL 4	E09R2	1-02 *								276
K SEL 4		1							4-3/8 1400000000	276
K SEL 6	D09C1	1-01 *				1			4-4/8	277
K SEL 6	E09S1	1-02 *								277
K SEL 6		1							4-4/8 1400000000	277
K SER 2	D09J1	1-01 *				1			4-1/8	278
K SER 2	E09T2	1-02 *								278
K SER 2		1							4-1/8 1400000000	278
K SSYN IN H	D09V1	1-01 *				1			1	279
K SSYN IN H	E09R1	1-02 *								279
K SSYN IN H		1							1-0/8 1400000000	279
LTC	C01D1	1-01 *	P			2			1	280
LTC	C02D1	1-02 *	P			1			1	280
LTC	C03D1	1-03 *	P			2			1	280
LTC	C04D1	1-04 *	P			1			1	280
LTC	C05D1	1-05 *	P			2			1	280
LTC	C06D1	1-06 *	P			1			1	280
LTC	C07D1	1-07 *	P			2			1	280
LTC	C08D1	1-08 *	P			1			1	280
LTC	C09D1	1-09 *	X							280
LTC		1							8-0/8 1400000000	280
MSYN L (1)	H01V1	1-01 *				2			1	281
MSYN L (1)	H02V1	1-02 *				1			1	281
MSYN L (1)	H03V1	1-03 *				2			1	281
MSYN L (1)	H04V1	1-04 *	H			1			8-1/8	281
MSYN L (1)	E01E1	1-05 *	P			2			1	281
MSYN L (1)	E02E1	1-06 *	P			1			1	281
MSYN L (1)	F03E1	1-07 *	P			2			1	281
MSYN L (1)	E04E1	1-08 *								281
MSYN L (1)		1							14-1/8 1400000000	281

DD11D.B RUN NAME	WRP288.V34(63)-1 A/P PIN ORDER NAME PIN	23-AUG-76 BAY - ORDER	Q	DRAW	RV RG Y	X Z	REMARKS	8-NOV-76	14:38 PAGE 49 NC LENGTH EXCEPTIONS FLAG	RUN NUMBER
MSYN L (2)	E05E1	1-01 *	P			1			1	282
MSYN L (2)	E06E1	1-02 *	P			2			1	282
MSYN L (2)	F07E1	1-03 *	P			1			1	282
MSYN L (2)	F08E1	1-04 *	P			2			1	282
MSYN L (2)	E09E1	1-05 *	H			1			8-3/8	282
MSYN L (2)	H05V1	1-06 *				2			1	282
MSYN L (2)	H06V1	1-07 *				1			1	282
MSYN L (2)	H07V1	1-08 *				2			1	282
MSYN L (2)	H08V1	1-09 *				1			1	282
MSYN L (2)	H09V1	1-10 *								282
MSYN L (2)		1							16-3/8 1400000000	282
MSYN L (JMP)	E04F1	1-01 *				1			1	283
MSYN L (JMP)	E05E1	1-02 *								283
MSYN L (JMP)		1							1-0/H 1400000000	283
NPG L	A01U1	1-01 *				1			3-6/8	284
NPG L	C01A1	1-02 *				2			0-1/8	284
NPG L	C01B1	1-03 *	P			2			0-5/8	284
NPG L	C02A1	1-04 *				1			0-1/8	284
NPG L	C02B1	1-05 *	P			2			0-5/8	284
NPG L	C03A1	1-06 *				1			0-1/8	284
NPG L	C03B1	1-07 *	P			2			0-5/8	284
NPG L	C04A1	1-08 *				1			0-1/8	284
NPG L	C04B1	1-09 *	P			2			0-5/8	284
NPG L	C05A1	1-10 *				1			0-1/8	284
NPG L	C05B1	1-11 *	P			2			0-5/8	284
NPG L	C06A1	1-12 *				1			0-1/8	284
NPG L	C06B1	1-13 *	P			2			0-5/8	284
NPG L	C07A1	1-14 *				1			0-1/8	284
NPG L	C07B1	1-15 *	P			2			0-5/8	284
NPG L	C08A1	1-16 *				1			0-1/8	284
NPG L	C08B1	1-17 *	P			2			0-5/8	284
NPG L	C09A1	1-18 *				1			0-1/8	284
NPG L	C09B1	1-19 *				2			3-7/8	284
NPG L	A09U1	1-20 *								284
NPG L		1							13-6/8 1400000000	284

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DD110.R RUN NAME	WRP28R.V34(63)-1 A/P PIN NAME	23-AUG-76 ORDER PIN	RAY - ORDER	O	DRAW OPT	RV RG Y	X	Z	REMARKS	B-NOV-76 14:38 PAGE 50 NC LENGTH EXCEPTIONS FLAG	RUN NUMBER
NPR L	A01S2		1-01 *					1			285
NPR L	A02S2		1-02 *					2			285
NPR L	A03S2		1-03 *					1			285
NPR L	A04S2		1-04 *					2			285
NPR L	A05S2		1-05 *					1			285
NPR L	A06S2		1-06 *					2			285
NPR L	A07S2		1-07 *					1			285
NPR L	A08S2		1-08 *					2			285
NPR L	A09S2		1-09 *	H				2	TW PP	12-7/8	285
NPR L	F09J1		1-10 *	P				2			285
NPR L	F08J1		1-11 *	P				1			285
NPR L	F07J1		1-12 *	P				2			285
NPR L	F06J1		1-13 *	P				1			285
NPR L	F05J1		1-14 *	P				2			285
NPR L	F04J1		1-15 *	P				1			285
NPR L	F03J1		1-16 *	P				2			285
NPR L	F02J1		1-17 *	P				1			285
NPR L	F01J1		1-18 *								285
NPR L			1							28-7/8 1400000000	285
PA L	A09M1		1-01 *	P				2			286
PA L	A08M1		1-02 *	P				1			286
PA L	A07M1		1-03 *	P				2			286
PA L	A06M1		1-04 *	P				1			286
PA L	A05M1		1-05 *					2			286
PA L	A04M1		1-06 *	P				2			286
PA L	A03M1		1-07 *	P				1		1-4/8	286
PA L	A01M1		1-08 *	P				1			286
PA L	A02M1		1-09 *					2		4-6/8	286
PA L	C02C1		1-10 *	P				2			286
PA L	C01C1		1-11 *					1		1-4/8	286
PA L	C03C1		1-12 *					2			286
PA L	C04C1		1-13 *					1			286
PA L	C05C1		1-14 *					2			286
PA L	C06C1		1-15 *					1			286
PA L	C07C1		1-16 *					2			286
PA L	C08C1		1-17 *					1			286
PA L	C09C1		1-18 *								286
PA L			1							21-6/8 1400000000	286
PAR DET	B02E2		1-01 *					2			287
PAR DET	B03E2		1-02 *					1			287
PAR DET	B04E2		1-03 *					2			287
PAR DET	B05E2		1-04 *					1			287
PAR DET	B06E2		1-05 *					2			287
PAR DET	B07E2		1-06 *					1			287
PAR DET	B08E2		1-07 *								287
PAR DET			1							6-0/8 1400000000	287

DD110.R RUN NAME	WRP28R.V34(63)-1 A/P PIN NAME	23-AUG-76 ORDER PIN	RAY - ORDER	O	DRAW OPT	RV RG Y	X	Z	REMARKS	B-NOV-76 14:38 PAGE 51 NC LENGTH EXCEPTIONS FLAG	RUN NUMBER
PAR P0	A02P1		1-01 *	P				2			288
PAR P0	A03P1		1-02 *	P				1			288
PAR P0	A04P1		1-03 *	P				2			288
PAR P0	A05P1		1-04 *	P				1			288
PAR P0	A06P1		1-05 *	P				2			288
PAR P0	A07P1		1-06 *	P				1			288
PAR P0	A08P1		1-07 *	X							288
PAR P0			1							6-0/8 1400000000	288
PAR P1	A02N1		1-01 *	P				2			289
PAR P1	A03N1		1-02 *	P				1			289
PAR P1	A04N1		1-03 *	P				2			289
PAR P1	A05N1		1-04 *	P				1			289
PAR P1	A06N1		1-05 *	P				2			289
PAR P1	A07N1		1-06 *	P				1			289
PAR P1	A08N1		1-07 *	X							289
PAR P1			1							6-0/8 1400000000	289
PB L	A09N2		1-01 *	P				1			290
PB L	A08N2		1-02 *	P				2			290
PB L	A07N2		1-03 *	P				1			290
PB L	A06N2		1-04 *	P				2			290
PB L	A05N2		1-05 *					1			290
PB L	A04N2		1-06 *	P				1			290
PB L	A01N2		1-07 *	P				2			290
PB L	A02N2		1-08 *	P				1			290
PB L	A03N2		1-09 *					2		6-3/8	290
PB L	C03S1		1-10 *	P				2		1-4/8	290
PB L	C01S1		1-11 *	P				2			290
PB L	C02S1		1-12 *	P				1		1-4/8	290
PB L	C04S1		1-13 *	P				1			290
PB L	C05S1		1-14 *	P				2			290
PB L	C06S1		1-15 *	P				1			290
PB L	C07S1		1-16 *	P				2			290
PB L	C08S1		1-17 *	P				1			290
PB L	C09S1		1-18 *								290
PB L			1							24-3/8 1400000000	290
RESERVED M BUS	B02A1		1-01 *	P				2			291
RESERVED M BUS	B03A1		1-02 *	P				1			291
RESERVED M BUS	B04A1		1-03 *	P				2			291
RESERVED M BUS	B05A1		1-04 *	P				1			291
RESERVED M BUS	B06A1		1-05 *	P				2			291
RESERVED M BUS	B07A1		1-06 *	P				1			291
RESERVED M BUS	B08A1		1-07 *	X							291
RESERVED M BUS			1							6-0/8 1400000000	291

DD11D.B  
RUN NAME

WRP288.V34(63)-1 23-AUG-76  
A/P PIN ORDER BAY - Q  
NAME PIN ORDER

DRAW RV RG Y X Z  
OPT

REMARKS

8-NOV-76

14:38 PAGE 52  
NC: LENGTH EXCEPTIONS  
FLAG

RUN  
NUMBER

DD11D.B RUN NAME	WRP288.V34(63)-1 23-AUG-76 A/P PIN ORDER BAY - Q NAME PIN ORDER	DRAW RV RG Y X Z OPT	REMARKS	8-NOV-76	14:38 PAGE 52 NC: LENGTH EXCEPTIONS FLAG	RUN NUMBER
SACK L	A01R2	1-01 * P			1	292
SACK L	A02R2	1-02 * P			1	292
SACK L	A03R2	1-03 * P			1	292
SACK L	A04R2	1-04 * P			15-3/8	292
SACK L	F01T2	1-05 * P			1	292
SACK L	F02T2	1-06 * P			1	292
SACK L	F03T2	1-07 * P			1	292
SACK L	F04T2	1-08 * H	2FTTW		1	292
SACK L	F05T2	1-09 * P			1	292
SACK L	F06T2	1-10 * P			1	292
SACK L	F07T2	1-11 * P			1	292
SACK L	F08T2	1-12 * P			1	292
SACK L	F09T2	1-13 * P			15-7/8	292
SACK L	A05R2	1-14 * P			1	292
SACK L	A06R2	1-15 * P			1	292
SACK L	A07R2	1-16 * P			1	292
SACK L	A08R2	1-17 * P			1	292
SACK L	A09R2	1-18 * X			1	292
SACK L		1			46-2/8 1400000000	292
SSYN L (1)	B01U1	1-01 * P			1	293
SSYN L (1)	B02U1	1-02 * P			1	293
SSYN L (1)	B03U1	1-03 * P			1	293
SSYN L (1)	B04U1	1-04 * H	TW		8-3/8	293
SSYN L (1)	E01J1	1-05 * P			1	293
SSYN L (1)	E02J1	1-06 * P			1	293
SSYN L (1)	E03J1	1-07 * P			1	293
SSYN L (1)	E04J1	1-08 * P			2-5/8	293
SSYN L (1)	F04C1	1-09 * P			1	293
SSYN L (1)	F03C1	1-10 * P			1	293
SSYN L (1)	F02C1	1-11 * P			1	293
SSYN L (1)	F01C1	1-12 * P			1	293
SSYN L (1)		1			20-0/8 1400000000	293
SSYN L (2)	B09U1	1-01 * P			1	294
SSYN L (2)	B08U1	1-02 * P			1	294
SSYN L (2)	B07U1	1-03 * P			1	294
SSYN L (2)	B06U1	1-04 * P			1	294
SSYN L (2)	B05U1	1-05 * H	TW		9-1/8	294
SSYN L (2)	E09J1	1-06 * P			1	294
SSYN L (2)	E08J1	1-07 * P			1	294
SSYN L (2)	E07J1	1-08 * P			1	294
SSYN L (2)	E06J1	1-09 * P			1	294
SSYN L (2)	E05J1	1-10 * P			2-5/8	294
SSYN L (2)	F05C1	1-11 * P			1	294
SSYN L (2)	F06C1	1-12 * P			1	294
SSYN L (2)	F07C1	1-13 * P			1	294
SSYN L (2)	F08C1	1-14 * P			1	294
SSYN L (2)	F09C1	1-15 * X			1	294
SSYN L (2)		1			23-6/8 1400000000	294
SSYN L JM	F05C1	1-01 * H	2FTTW		1	295
SSYN L JM	F04C1	1-02 * P			1	295
SSYN L JM		1			1-0/8 1400000000	295

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