B78119 299

SALDARE / SOLDER

27

CR02

R-12

1

PARTIC. "A"

U-20

U-14

R-13

U-19

78119300-0034567

CPU 78119299-0034567

78121308-001A

PWA CPU

C-17+ C-11+ C-18+ I-06 U 30 U 33 J-07 U 49

U 17 C-25 U 23 C-26 U 29 C-27 U 32 C-28 U 41 U 55 Y-02

U 16 U 22 C-32 U 28 Y-01 R-10 R-11 C-17+ C-33 U 40 U 48 C-35 U 59 C-21+

C-36 U 07 C-07+ U 15 C-38 U 21 38C-03 C-39 U 27 C-40 U 31 C-41 U 39 C-42 U 47 C-43 U 54 C-44 U 58 33C-01 33C-02

U 20 U 26 C-48 U 38 U 46 C-22+

U 14 C-06+ U 37 C-52 U 45 C-53 U 53 C-54

U 25 U 36 C-59 U 44 C-60 U 52 C-61

U 13 C-57 U 19 C-56

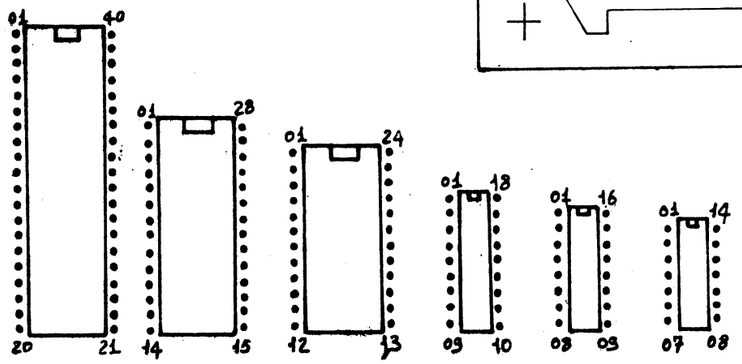
C-16+ U 12 U 18 U 24 U 35 C-67 U 43 C-68 U 51 C-69 U 57

C-63 C-70 U 02 C-71 U 11 C-20+ U 34 C-73 U 42 C-74 U 50 C-75 U 56 R-14

C-19+ J-01 J-02 J-19 C-15+ J-03 J-04 J-05

TP02 TP01

44C-05 40C-04 42C-76 41C-04 47C-05 46C-05 45C-05 43C-05 39C-04



005 006

PWA-CPUØØ

Honeywell

F.TO	DISEGNO	PAG.	REV
B	78119 299	4	MA

CONNETTORI PWA CPUØØ

CONNECTORS PWA CPUØØ

J01 (TEST CONNECTOR)			
PIN	SIGNAL		ADD.
1	MEMR	* 0	50-18
2	HØLD	* 1	52-1
3	RESET	* 00	51-17
4	HLDA	* 1	52-1
5	AB14	* 1	52-1
6	IHTA	* 0	52-5
7	AB13	* 1	52-1
8	EXREA	* 1	52-1
9	AB12	* 1	52-1
10	ENBUS	* 1	52-12
11	AB15	* 1	52-1
12	EXCLØ	* 1	51-13
13	EINT	* 1	51-31
14	MEMW	* 0	50-18
15	STRB	* 0	51-17
16	ABCLE	* 0	51-15
17	BUSEN	* 0	52-5
18	IØW	* 0	52-5
19	AB10	* 1	52-1
20	AB11	* 1	52-1
21	AB9	* 1	52-1
22	AB8	* 1	52-1
23	IØR	* 0	52-5
24	DS00Ø	* 0	52-2
25	DB6	* 1	52-9
26	DB7	* 1	52-9
27	DB5	* 1	52-9
28	DB4	* 1	52-9
29	DB3	* 1	52-9
30	DB2	* 1	52-9
31	DB1	* 1	52-9
32	DB0	* 1	52-9
33	AB4	* 1	52-1
34	AB7	* 1	52-1
35	AB6	* 1	52-1
36	AB5	* 1	52-1
37	AB3	* 1	52-1
38	AB2	* 1	52-1
39	AB1	* 1	52-1
40	AB0	* 1	52-1

J02 (KEYBOARD)			
PIN	SIGNAL		ADD.
1	-12V		
2	KB7	* 0	53-21
3	KB6	* 0	53-21
4	GROUND		
5	GROUND		
6	REPEA	* 0	54-56
7	CTR	* 1	53-16
8	STRØB	* 0	54-55
9	KB3	* 0	53-21
10	KB4	* 0	53-21
11	-15V		
12	+15V		
13	KB5	* 0	53-21
14	KB1	* 0	53-21
15	KB2	* 0	53-21
16	KB0	* 0	53-21

J03 (OPERATOR PAHEL)			
PIN	SIGNAL		ADD.
1	+5V		
2	DS05Ø	* 0	52-2
3	GROUND		
4	FI2TT	* 1	51-17
5	120	* 0	51-22
6	STØP	* 10	53-27
7	TEST	* 10	53-32
8	ST1	* 10	51-10
9	DS06Ø	* 0	52-2
10	START	* 10	53-24
11	DISCØ	* 10	53-30
12	CALL	* 1	53-6
13	STABY	* 1	53-4
14	DSRL	* 1	53-11
15	LØCAL	* 1	53-18
16	BUSY	* 1	53-8
17	ERROR	* 1	53-14
18	GROUND		

J04 (SYNCHRONOUS MODEM INTERFACE)			
PIN	SIGNAL		ADD.
1	-12V		
2	LRELI	* 1	
3	SSTBY	* 110	54-34
4	+5V		
5	LDR	* 00	54-1
6	LRTS	* 1	54-21
7	LDTR	* 1	54-35
8	+12V		
9	LTRXC	* 1	54-37
10	GROUND		
11	LTD	* 0	54-11
12	LDARA	* 1	54-30
13	LCTS	* 10	54-19
14	LDSR	* 1	54-22
15	LTXC	* 10	54-42
16	LRXC	* 10	54-24

J05 (ASYNCHRONOUS MODEM INTERFACE)			
PIN	SIGNAL		ADD.
1	-12V		
2	LRD	* 00	54-1
3	LCALI	* 1	54-45
4	LSTD	* 0	54-15
5	LSCTS	* 10	54-13
6	LSRTS	* 1	54-17
7	LDTR	* 1	54-35
8	LRTS	* 1	54-21
9	LDSR	* 1	54-22
10	LTD	* 0	54-11
11	GROUND		
12	LSRD	* 00	54-8
13	+12V		
14	DASTC	* 1	54-53
15	LCTS	* 10	54-19
16	LRELI	* 1	54-36

J06			
PIN	SIGNAL		ADD.
1	SONAL	* 0	53-3
2	PR4	* 1	51-29
3	AB11	* 0	52-3
4	FIVIS	* 1	53-28
5	IØWR	* 0	53-33
6	PRO	* 0	51-25
7	PR3	* 0	61-25
8	AB13	* 1	52-1
9	AB12	* 1	52-1
10	AB14	* 1	52-1
11	PR7	* 1	51-38
12	PAPEN	* 1	53-16
13	SØL	* 00	53-17
14	EOL	* 00	53-10
15	AB15	* 1	52-1
16	PR1	* 1	51-26
17	100KH	* 0	51-9
18	PR6	* 1	51-36

J07			
PIN	SIGNAL		ADD.
1	-12V		
2	RESET	* 0	
3	-15V		
4	DBR7	* 1	52-13
5	DBR3	* 1	52-10
6	DBR1	* 1	52-10
7	DBR0	* 1	52-10
8	DBR2	* 1	52-10
9	+12V		
10	+12V		
11	DBR6	* 1	52-13
12	DBR5	* 1	52-13
13	DS06I	* 0	52-6
14	ØRDS	* 0	52-15
15	DBR4	* 1	52-13
16	DS05I	* 0	52-6
17	MR1	* 1	51-24
18	-5V		

J19 (POWER SUPPLY)		
PIN	SIGNAL	ADD.
1	+5V	
2	GROUND	

REV. LUGLIO 1972

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Honeywell

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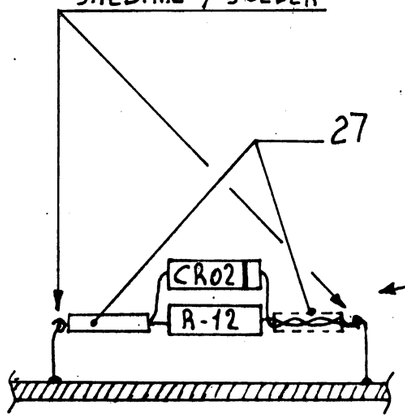
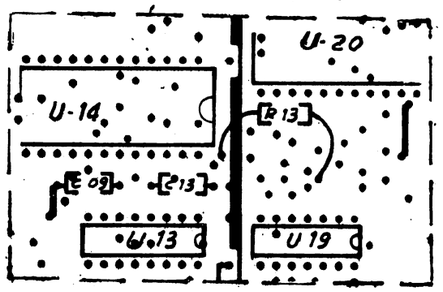
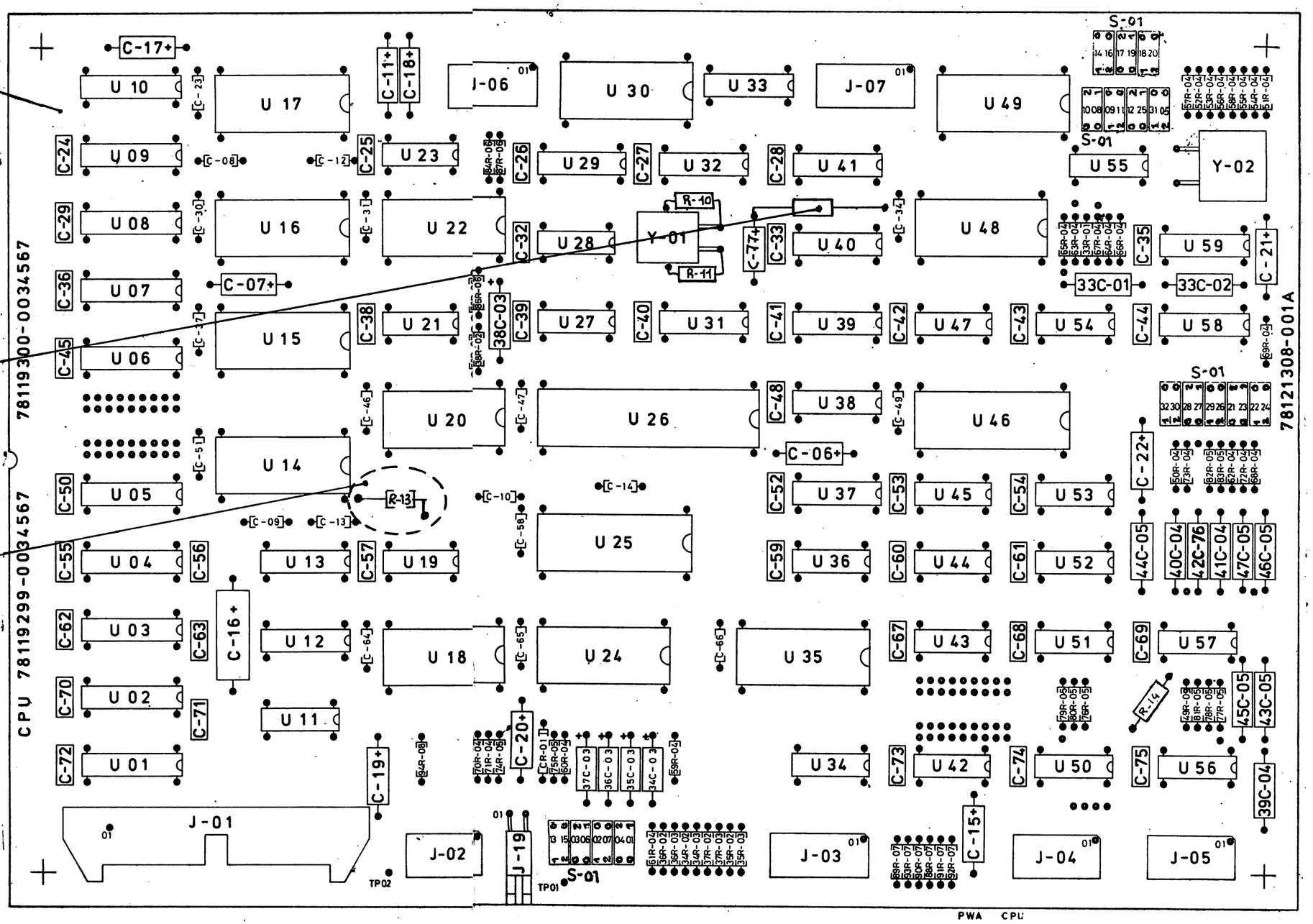
B78119300

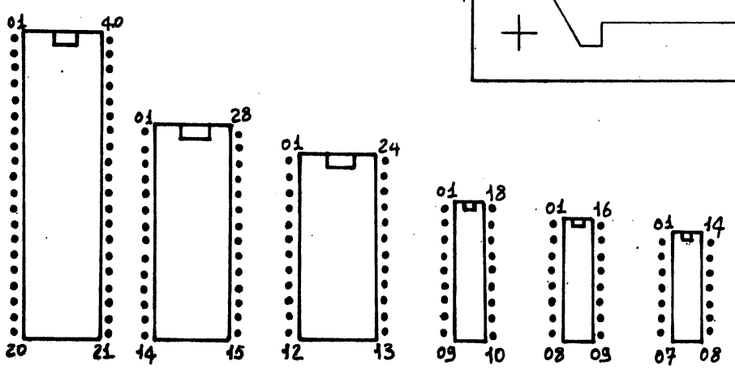
SALDARE / SOLDER



PARTIC. "A"







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PWA-CPUØØ

Honeywell

F.TO	DISEGNO	PAG.	REV
B	78119300	4	VA

CONNETTORI PWA CPUØØ

CONNECTORS PWA CPUØØ

J01 (TEST CONNECTOR)

PIN	SIGNAL			ADD.
1	MEMR	*	0	50-18
2	HØLD	*	1	52-1
3	RESET	*	ØØ	51-17
4	HLDA	*	1	52-1
5	AB14	*	1	52-1
6	INTA	*	0	52-5
7	AB13	*	1	52-1
8	EXREA	*	1	52-1
9	AB12	*	1	52-1
10	ENBUS	*	1	52-12
11	AB15	*	1	52-1
12	EXCLØ	*	1	51-13
13	EINT	*	1	51-31
14	MEMW	*	0	50-18
15	STRB	*	0	51-17
16	ABCLE	*	0	61-15
17	BUSEN	*	0	52-5
18	IØW	*	0	52-5
19	AB10	*	1	52-1
20	AB11	*	1	52-1
21	AB9	*	1	52-1
22	AB8	*	1	52-1
23	IØR	*	0	52-5
24	DS00Ø	*	0	52-2
25	DB6	*	1	52-9
26	DB7	*	1	52-9
27	DB5	*	1	52-9
28	DB4	*	1	52-9
29	DB3	*	1	52-9
30	DB2	*	1	52-9
31	DB1	*	1	52-9
32	DB0	*	1	52-9
33	AB4	*	1	52-1
34	AB7	*	1	52-1
35	AB6	*	1	52-1
36	AB5	*	1	52-1
37	AB3	*	1	52-1
38	AB2	*	1	52-1
39	AB1	*	1	52-1
40	AB0	*	1	52-1

J02 (KEYBOARD)

PIN	SIGNAL			ADD.
1	-12V			
2	KB7	*	0	53-21
3	KB6	*	0	53-21
4	GROUND			
5	GROUND			
6	REPEA	*	0	54-56
7	CTR	*	1	53-16
8	STRØB	*	0	54-55
9	KB3	*	0	53-21
10	KB4	*	0	53-21
11	-15V			
12	+15V			
13	KB5	*	0	53-21
14	KB1	*	0	53-21
15	KB2	*	0	53-21
16	KB0	*	0	53-21

J03 (OPERATOR PANEL)

PIN	SIGNAL			ADD.
1	+5V			
2	DS05Ø	*	0	52-2
3	GROUND			
4	FI2TT	*	1	51-17
5	120	*	0	51-22
6	STØP	*	10	53-27
7	TEST	*	10	53-32
8	ST1	*	10	51-10
9	DS06Ø	*	0	52-2
10	START	*	10	53-24
11	DISCØ	*	10	53-30
12	CALL	*	1	53-6
13	STABY	*	1	53-4
14	DSRL	*	1	53-11
15	LØCAL	*	1	53-18
16	BUSY	*	1	53-8
17	ERROR	*	1	53-14
18	GROUND			

J04 (SYNCHRONOUS MODEM INTERFACE)

PIN	SIGNAL			ADD.
1	-12V			
2	LRELI	*	1	
3	SSTBY	*	110	54-34
4	+5V			
5	LDR	*	00	54-1
6	LRTS	*	1	54-21
7	LDTR	*	1	54-35
8	+12V			
9	LTRXC	*	1	54-37
10	GROUND			
11	LTD	*	0	54-11
12	LDARA	*	1	54-30
13	LCTS	*	10	54-19
14	LDSR	*	1	54-22
15	LTXC	*	10	54-42
16	LRXC	*	10	54-24

J05 (ASYNCHRONOUS MODEM INTERFACE)

PIN	SIGNAL			ADD.
1	-12V			
2	LRD	*	00	54-1
3	LCALI	*	1	54-45
4	LSTD	*	0	54-15
5	LSCTS	*	10	54-13
6	LSRTS	*	1	54-17
7	LDTR	*	1	54-35
8	LRTS	*	1	54-21
9	LDSR	*	1	54-22
10	LTD	*	0	54-11
11	GROUND			
12	LSRD	*	00	54-8
13	+12V			
14	DASTC	*	1	54-53
15	LCTS	*	10	54-19
16	LRELI	*	1	54-36

J06

PIN	SIGNAL			ADD.
1	SOHAL	*	0	53-3
2	PR4	*	1	51-29
3	AB11	*	0	52-3
4	FIVIS	*	1	53-28
5	IØWR	*	0	53-33
6	PR0	*	0	51-25
7	PR3	*	0	61-25
8	AB13	*	1	52-1
9	AB12	*	1	52-1
10	AB14	*	1	52-1
11	PR7	*	1	51-38
12	PAPEH	*	1	53-16
13	SØL	*	00	53-17
14	EOL	*	00	53-10
15	AB15	*	1	52-1
16	PR1	*	1	51-26
17	100KH	*	0	51-9
18	PR6	*	1	51-36

J07

PIN	SIGNAL			ADD.
1	-12V			
2	RESET	*	0	
3	-15V			
4	DBR7	*	1	52-13
5	DBR3	*	1	52-10
6	DBR1	*	1	52-10
7	DBR0	*	1	52-10
8	DBR2	*	1	52-10
9	+12V			
10	+12V			
11	DBR6	*	1	52-13
12	DBR5	*	1	52-13
13	DS06I	*	0	52-6
14	ØRDS	*	0	52-15
15	DBR4	*	1	52-13
16	DS05I	*	0	52-6
17	MR1	*	1	51-24
18	-5V			

J19 (POWER SUPPLY)

PIN	SIGNAL	ADD.
1	+5V	
2	GROUND	

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REV. LUGLIO 1972

CONNETTORI PWA DRIVE

CONNECTORS PWA DRIVE

J08

PIN	SIGNAL		ADD.
1	SØNAL	* 0	45-19
2	PR4	* 1	46-6
3	AB11	* 0	46-5.1
4	FIVIS	* 1	44-15
5	IØWR	* 0	46-5.2
6	PRO	* 0	46-27
7	PR3	* 0	44-10
8	AB13	* 1	46-3
9	AB12	* 1	46-3
10	AB14	* 1	46-3
11	PR7	* 1	44-14
12	PAPEN	* 1	47-27
13	SØL	* 00	47-11
14	HOLD	* 0	47-46
15	AB15	* 1	46-4.1
16	PR1	* 0	46-28
17	100KH	* 0	46-6
18	PR6	* 1	46-5

J09

PIN	SIGNAL		ADD.
1	-12V		
2	RESET	* 0	
3	-15V		
4	DBR7	* 1	44-21
5	DBR3	* 1	44-29
6	DBR1	* 1	49-29
7	DBRO	* 1	49-29
8	DBR2	* 1	49-29
9	+12		
10	+12		
11	DBR6	* 1	44-21
12	DBR5	* 1	44-21
13	DS06I	* 0	44-39
14	ØRDS	* 0	44-40
15	DBR4	* 1	44-21
16	DS05I	* 0	44-41
17	MR1	* 1	46-11
18	-5V		

J10 (VFU-SFU)

PIN	SIGNAL		ADD.
1	DBR1	* 1	46-2
2	DBR3	* 1	46-2
3	PRO	* 00	46-27
4	DBRO	* 1	46-2
5	DBR6	* 1	46-2
6	DBR2	* 1	46-2
7	DBR4	* 1	46-2
8	DBR5	* 1	46-2
9	+5V		
10	+19V		
11	DS06I	* 0	44-39
12	DBR7	* 1	46-2
13	IMPPA	*01	
14	RESET	* 0	46-11
15	GROUND		
16	DSE8Ø	* 0	46-3

J11 (SWITCHES)

PIN	SIGNAL		ADD.
1			
2	+5V		
3	PAEND	* 1	47-27
4	SØLOO	* 0	47-11
5	EØLOO	* 0	
6	IMBUZ	* 0	45-20
7	+8,5		
8	GROUND		
9	GROUND		
10	SPECA	* 0	47-35
11	MASEN	* 0	47-14
12	GROUND		

J12 (POWER SUPPLY)

PIN	SIGNAL	ADD.
1	+8,5V	
2	+8,5V	
3	+19V	
4	+5I	
5	+5V	
6	GROUND	
7	GROUND	
8	GROUND	

J13 (HEAD CONNECTOR)

PIN	SIGNAL		ADD.
1	+19V		
2	+19V		
3	+19V		
4	CØRIB	* 0	47-23
5	+19V		
6	+19V		
7	+19V		
8	+19V		
9	CØIL1	* 00	47-35
10	CØIL2	* 00	47-35
11	CØIL3	* 00	47-35
12	GROUND		
13	CØIL4	* 00	47-35
14	CØIL5	* 00	47-35
15	CØIL6	* 00	47-35
16	CØIL7	* 00	47-35

J14 (MOTORS)

PIN	SIGNAL		ADD.
1			
2	-19V		
3	BACIT	* 1	47-31
4	BREAT	* 1	47-37
5	COMO2	* 0	47-20
6	COMO1	* 1	47-20
7	COMO4	* 0	47-24
8	COMO3	* 1	47-24
9	POCA1	* 1	47-28
10	POCA1	* 1	47-28
11	POCA2	* 1	47-28
12	POCA2	* 1	47-28
13	POPAR	* 1	47-19
14	POPAR	* 1	47-19
15	COPA2	* 1	47-15
16	COPA4	* 1	47-15
17	COPA1	* 1	47-15
18	COPA3	* 1	47-15

J15 (AFF)

PIN	SIGNAL		ADD.
1			
2			
3	AFFAR	* 0	47-41
4	10KHZ	* 0	46-7
5	DS05I	* 0	44-41
6	PR1	* 00	46-28
7	+8,5V		
8	+8,5V		
9	+5V		
10	+5V		
11			
12			
13	S1234	* 1	44-41
14			
15	+19V		
16	+19V		

J16 (AFF)

PIN	SIGNAL		ADD.
1	DBRO	* 1	46-2
2	DSC8Ø	* 0	46-3
3	DBR5	* 1	46-2
4	DSDBØ	* 0	46-3
5	DBR2	* 1	46-2
6	-5V		
7	+12V		
8	MR1	* 1	46-12
9	DBR1	* 1	46-2
10	GROUD		
11	GROUD		
12	DBR7	* 1	46-2
13	DBR6	* 1	46-2
14	DBR4	* 1	46-2
15	DBR3	* 1	46-2
16			

INACTIVE
DO NOT USE FOR NEW DESIGN
INATTIVO
NON USARE PER NUOVI PROGETTI

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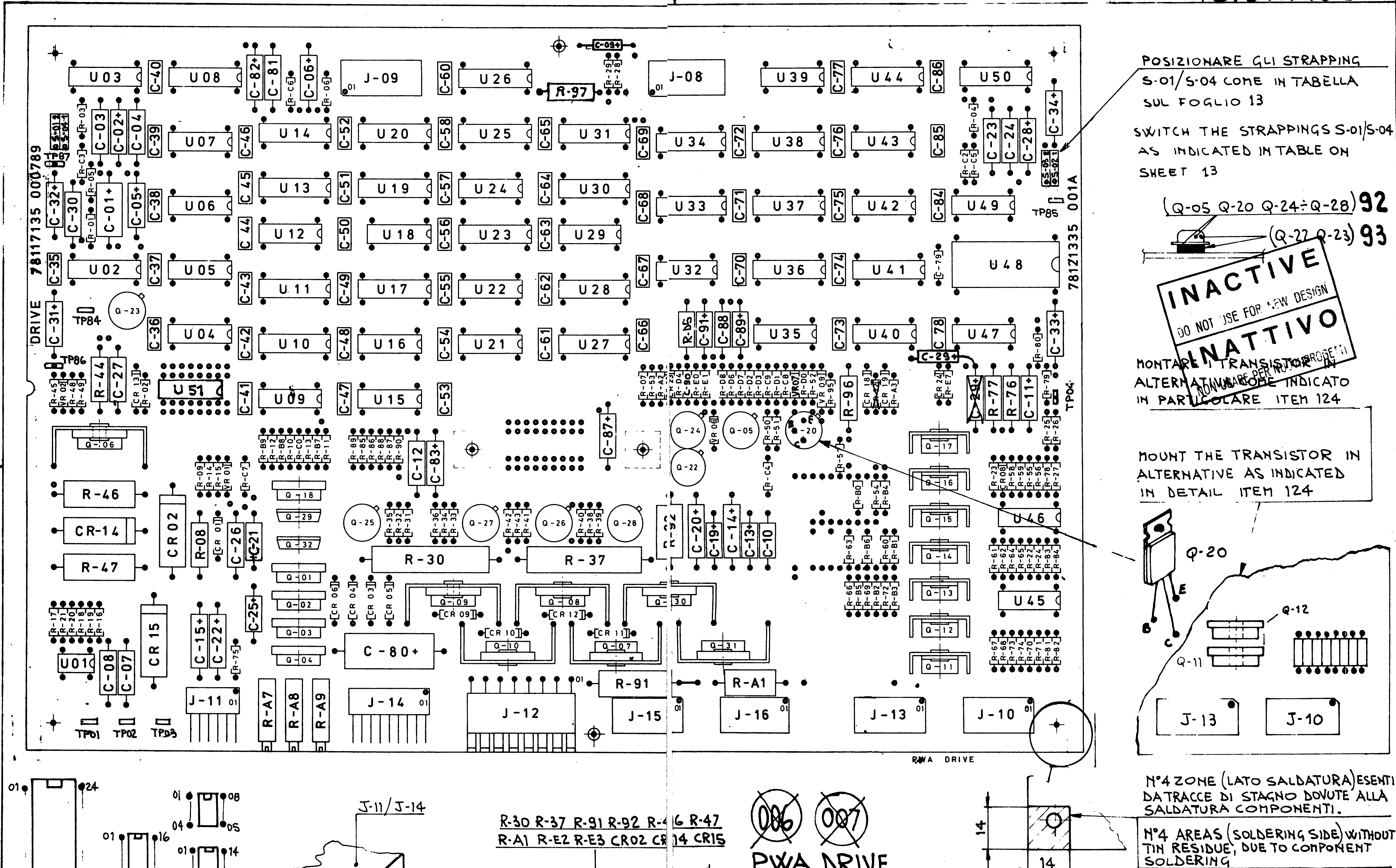
INTERFACE CONNECTORS - K. DRIVE

B78117135



POSIZIONARE GLI STRAPPING S-01/S-04 COME IN TABELLA SUL FOGLIO 13
SWITCH THE STRAPPINGS S-01/S-04 AS INDICATED IN TABLE ON SHEET 13
(Q-05 Q-20 Q-24÷Q-28) 92
(Q-22 Q-23) 93
INACTIVE
DO NOT USE FOR NEW DESIGN
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MONTARE I TRANSISTOR IN ALTERNATIVA COME INDICATO IN PARTICOLARE ITEM 124
MOUNT THE TRANSISTOR IN ALTERNATIVE AS INDICATED IN DETAIL ITEM 124
Q-20
78117135 000789
78121335 001A
DRIVE
PWA DRIVE
J-11/J-14
R-30 R-37 R-91 R-92 R-46 R-47
R-A1 R-E2 R-E3 CR02 CR14 CR15
N°4 ZONE (LATO SALDATURA) ESENTI DA TRACCE DI STAGNO DOVUTE ALLA SALDATURA COMPONENTI.
N°4 AREAS (SOLDERING SIDE) WITHOUT TIN RESIDUE, DUE TO COMPONENT SOLDERING

Honeywell

F.TO	DISEGNO	PAG.	REV
B	78117135	14	ZC

COD. 3897703 B
REV. LUGLIO 1972

B78117135

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LATO SALD. PWA DRIVE

INACTIVE
DO NOT USE FOR NEW DESIGN
INATTIVO
NON USARE PER NUOVI PROGETTI

007 006

PWA DRIVE

Honeywell

F.TO	DISEGNO	PAG.	REV
B	78117135	15	ZC

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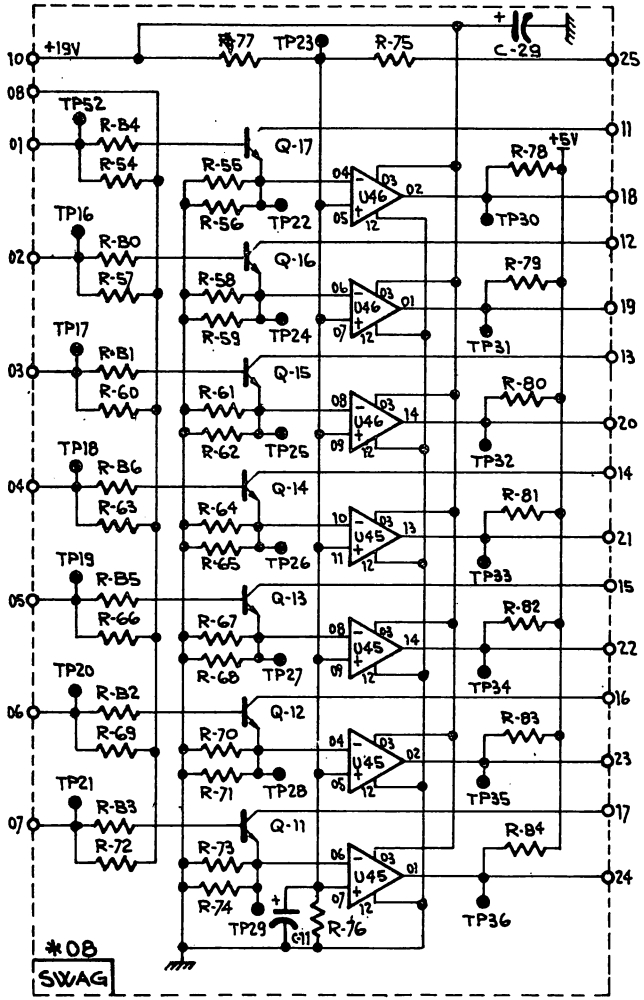
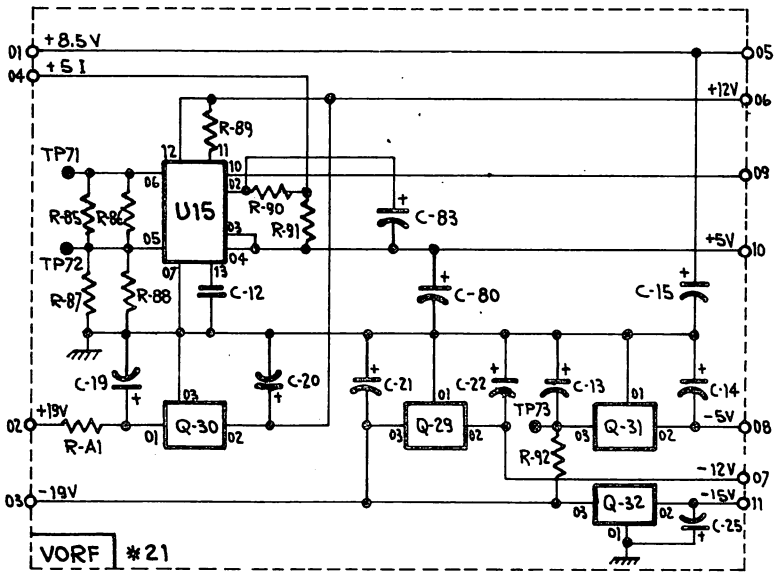
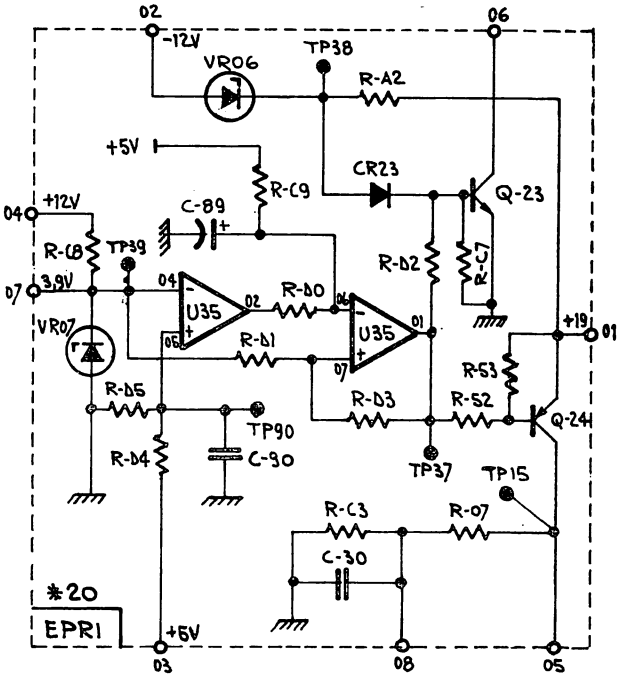
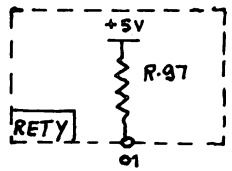
REV. LUGLIO 1972

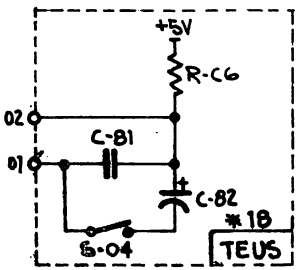
B78117135

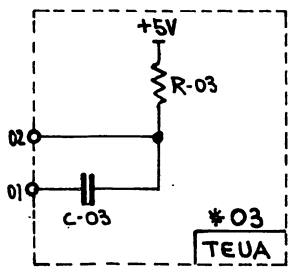


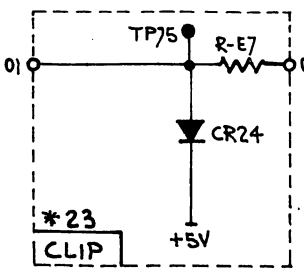


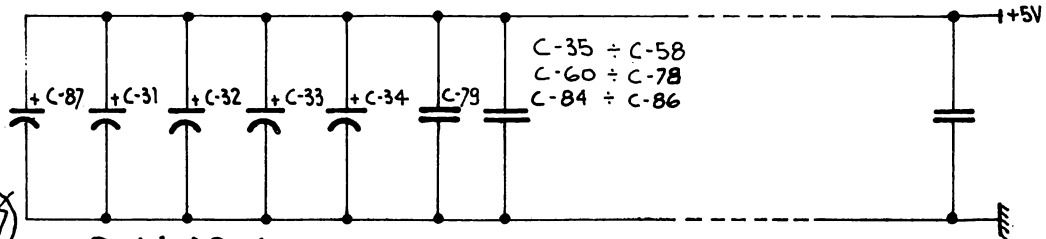












INACTIVE
DO NOT USE FOR NEW DESIGN
INATTIVO
NON USARE PER NUOVI PROGETTI

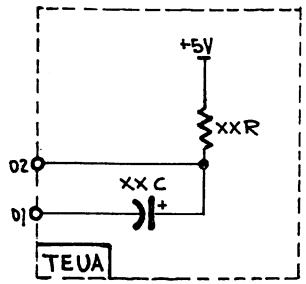
007
006

PWA DRIVE

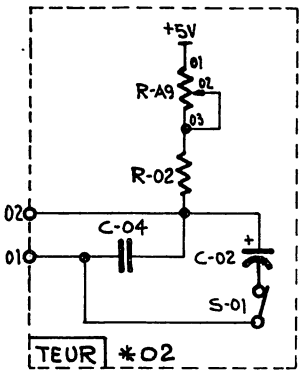
Honeywell

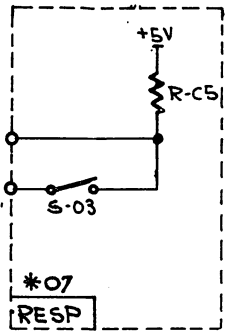
F.TO	DISEGNO	PAG.	REV
B	78117135	16	ZC

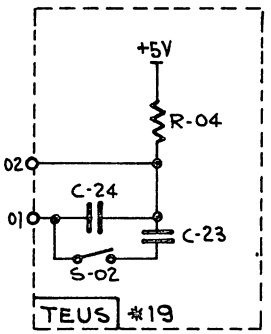
COD. 3697708 G
REV. LUGLIO 1972

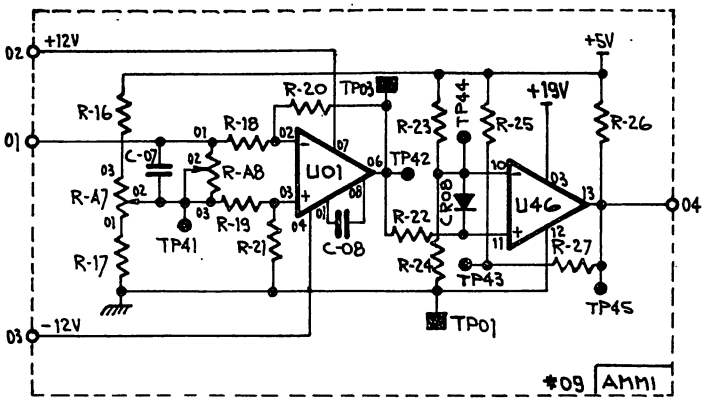


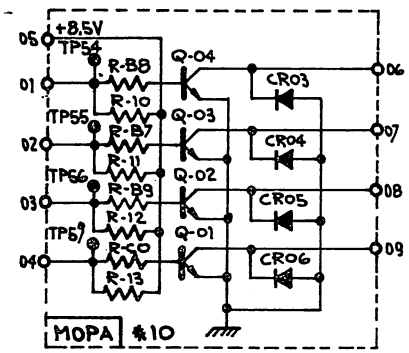
XX = *01 C-01 R-01
*05 C-05 R-05
*06 C-06 R-06
*04 C-28 R-C2

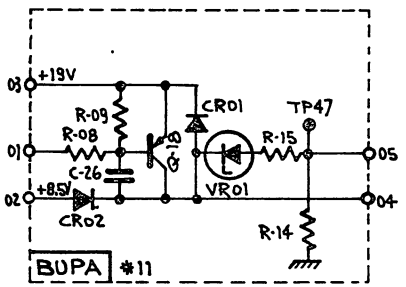


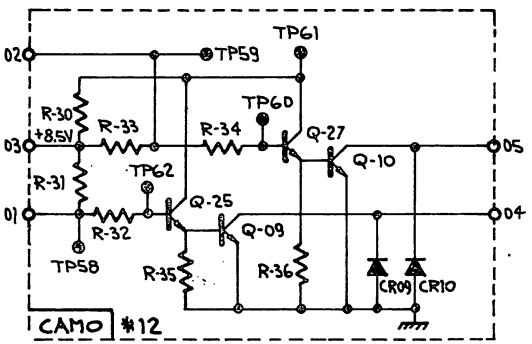


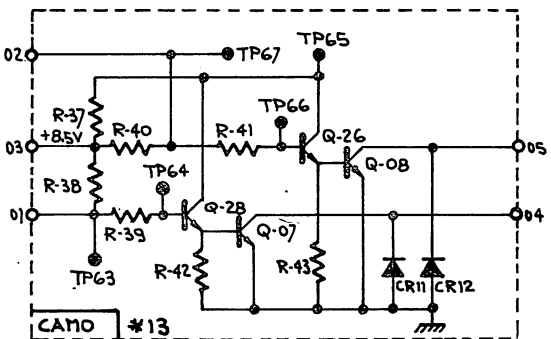


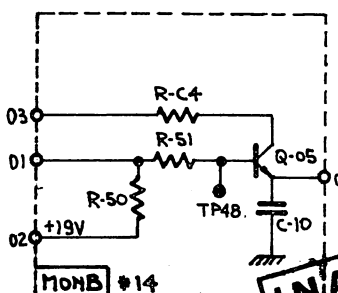


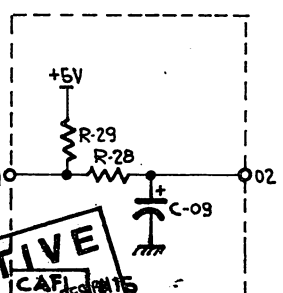


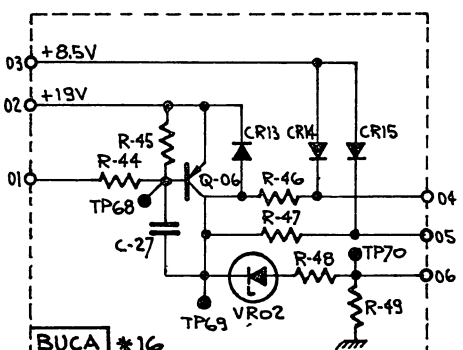


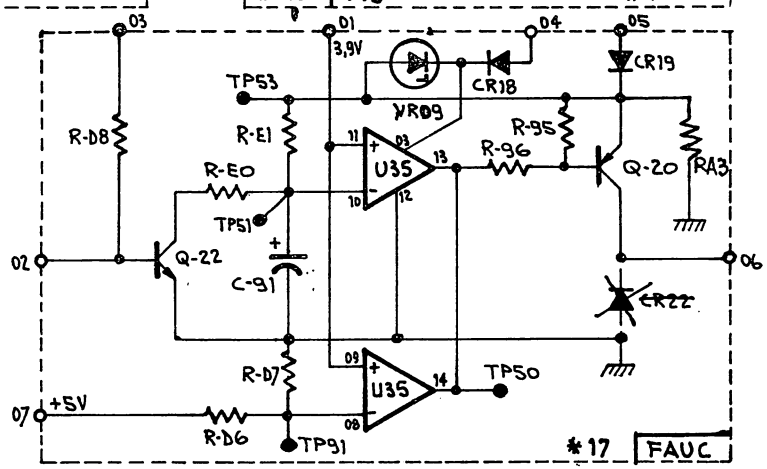












007
006

PWA DRIVE

Honeywell

F.TO	DISEGNO	PAG.	REV
B	78117135	17/F	ZC

COD 8897703 B
REV 1 LUGLIO 1972

B78124964

DRIVE 78124964 002

78121335 001A

POSIZIONARE GLI STRAPPING S-01 S-04 COME IN TABELLA SUL FOGLIO 1

SWITCH THE STRAPPINGS S-01/S-04 AS INDICATED IN TABLE ON SHEET 1

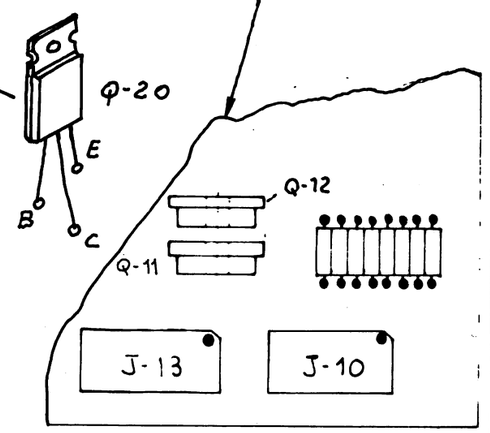
Q-05 Q-20 Q-24÷Q-28) 92

(Q-22 Q-23) 93

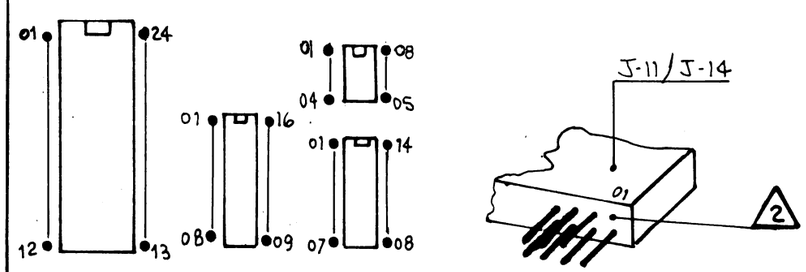
INACTIVE
DO NOT USE FOR NEW DESIGN
INATTIVO
NON USARE PER NUOVI PROGETTI

MONTARE I TRANS. IN ALTERNATIVA PER NUOVI PROGETTI COME INDICATO IN PARTICOLARE ITEM 124

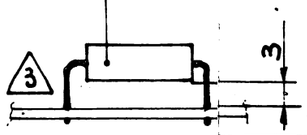
MOUNT THE TRANSISTOR IN ALTERNATIVE AS INDICATED IN DETAIL ITEM 124



PWA DRIVE

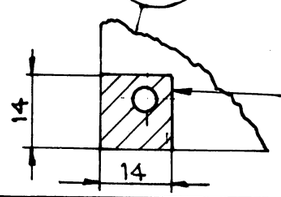


R-30 R-37 R-91 R-92 R-16 R-47
R-A1 R-E2 R-E3 CR02 C-14 CR15



001 002

PWA DRIVE



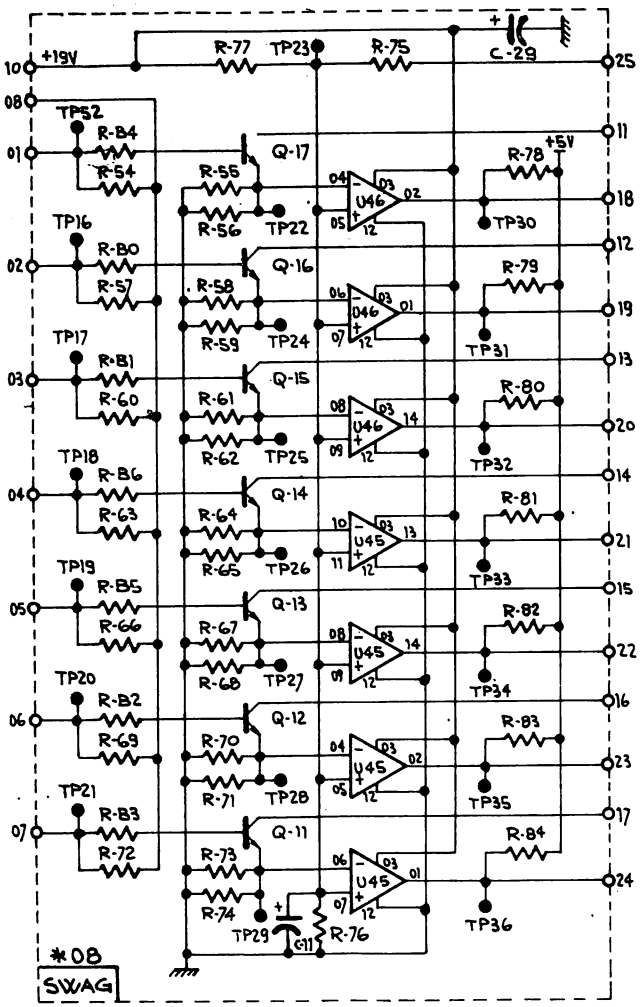
N°4 ZONE (LATO SALDATURA) ESENTI DA TRACCE DI STAGNO DOVUTE ALLA SALDATURA COMPONENTI.

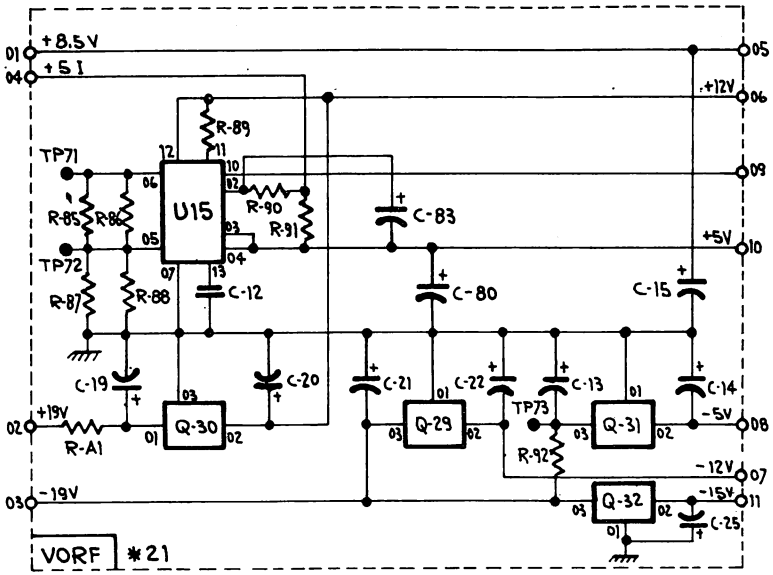
N°4 AREAS (SOLDERING SIDE) WITHOUT TIN RESIDUE, DUE TO COMPONENT SOLDERING

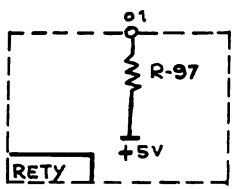
Honeywell

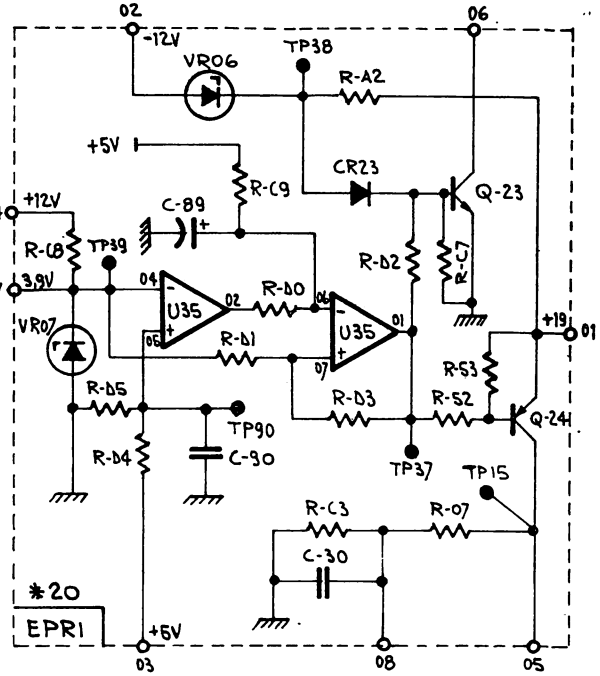
F.TO	DISEGNO	PAG.	REV
B	78124964	2	BC

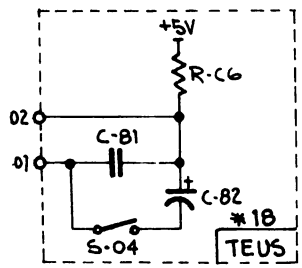
B78124964

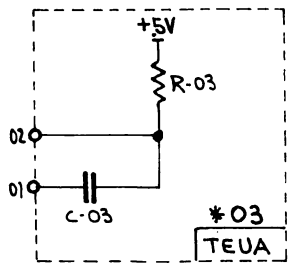


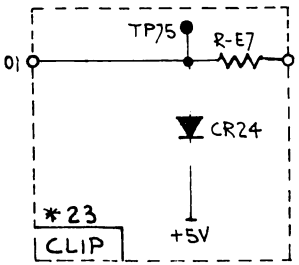


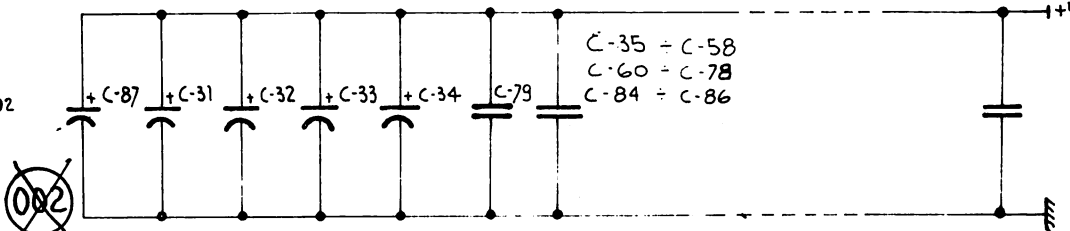












002

001

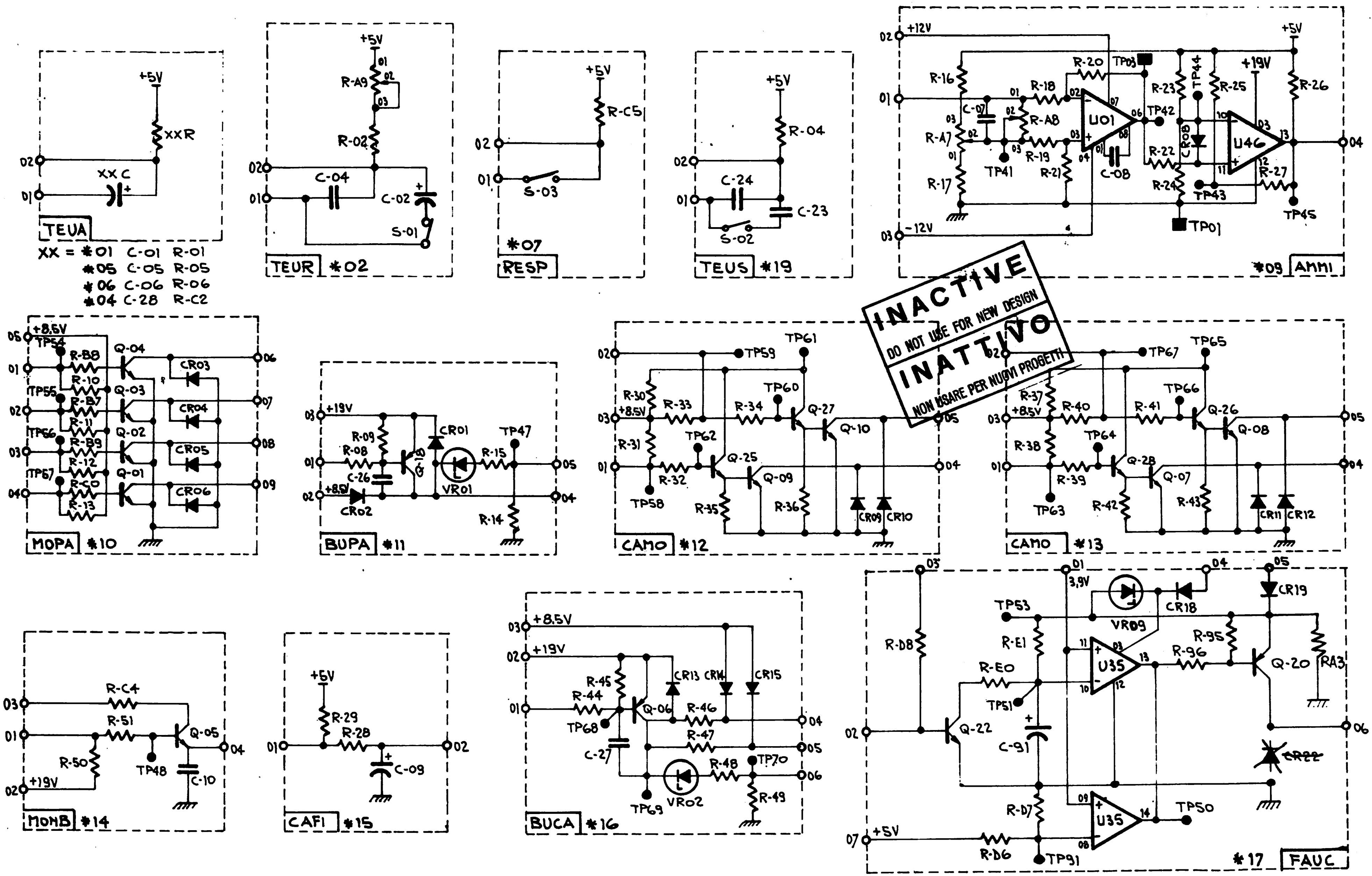
PWA DRIVE

INACTIVE
DO NOT USE FOR NEW DESIGN
INATTIVO
NON USARE PER NUOVI PROGETTI

Honeywell

F.TO	DISEGNO	PAG.	REV
B	78124964	3	BC

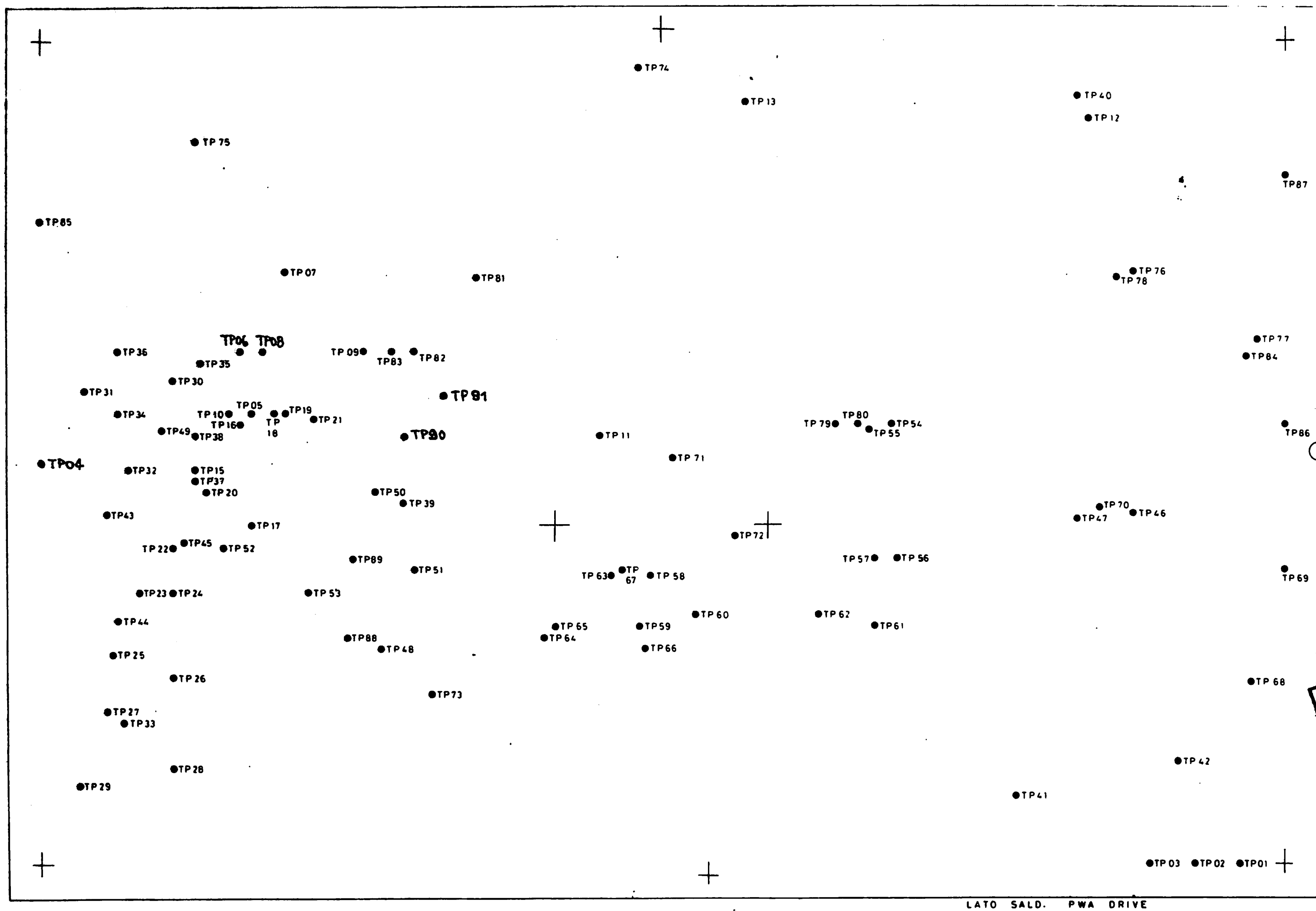
B78124964



PWA DRIVE

Honeywell

F.TO	DISEGNO	PAG.	REV
B	78124964	4	BC



LATO SALD. PWA DRIVE

INACTIVE
DO NOT USE FOR NEW DESIGN
INATTIVO
NON USARE PER NUOVI PROGETTI

002 001

PWA DRIVE

Honeywell

F.TO	DISEGNO	PAG.	REV
B	78124964	5	BC

CONNETTORI PWA DRIVE

CONNECTORS PWA DRIVE

J08

PIN	SIGNAL		ADD.
1	SIGNAL	* 1	
2	PR4	* 1	
3	AB11	* 03	
4	FIVIS	* 1	
5	IØWR	* 0	
6	PRO	* 0	
7	PR3	* 0	
8	AB13	* 12	
9	AB12	* 12	
10	AB14	* 12	
11	PR7	* 1	
12	PAPEN	* 1	
13	SØL	* 00	
14	HOLD	* 0	
15	AB15	* 12	
16	PR1	* 0	
17	100KH	* 0	
18	PR6	* 1	

J09

PIN	SIGNAL		ADD.
1	-12V		
2	RESET	* 0	
3	-15V		
4	DBR7	* 1	
5	DBR3	* 1	
6	DBR1	* 1	
7	DBRO	* 1	
8	DBR2	* 1	
9	+12		
10	+12		
11	DBR6	* 1	
12	DBR5	* 1	
13	DS06I	* 0	
14	ØRDS	* 0	
15	DBR4	* 1	
16	DS05I	* 0	
17	MR1	* 1	
18	-5V		

J10 (VFU-SFU)

PIN	SIGNAL		ADD.
1	DBR1	* 1	
2	DBR3	* 1	
3	PRO	* 00	
4	DBRO	* 1	
5	DBR6	* 1	
6	DBR2	* 1	
7	DBR4	* 1	
8	DBR5	* 1	
9	+5V		
10	+19V		
11	DS06I	* 0	
12	DBR7	* 1	
13	IMPPA	*01	
14	RESET	* 0	
15	GROUND		
16	DSE8Ø	* 0	

J11 (SWITCHES)

PIN	SIGNAL		ADD.
1			
2	+5V		
3	PAEND	* 1	
4	SØLOO	* 0	
5	EØLOO	* 0	
6	IMBUZ	* 0	
7	+8,5		
8	GROUND		
9	GROUND		
10	SPECA	* 0	
11	MASEN	* 0	
12	GROUND		

J12 (POWER SUPPLY)

PIN	SIGNAL	ADD.
1	+8,5V	
2	+8,5V	
3	+19V	
4	+5I	
5	+5V	
6	GROUND	
7	GROUND	
8	GROUND	

J13 (HEAD CONNECTOR)

PIN	SIGNAL		ADD.
1	+19V		
2	+19V		
3	+19V		
4	CØRIB	* 0	
5	+19V		
6	+19V		
7	+19V		
8	+19V		
9	CØIL1	* 00	
10	CØIL2	* 00	
11	CØIL3	* 00	
12	GROUND		
13	CØIL4	* 00	
14	CØIL5	* 00	
15	CØIL6	* 00	
16	CØIL7	* 00	

J14 (MOTORS)

PIN	SIGNAL		ADD.
1			
2	-19V		
3	BACIT	* 1	
4	BREAT	* 1	
5	COMO2	* 0	
6	COMO1	* 1	
7	COMO4	* 0	
8	COMO3	* 1	
9	POCA1	* 1	
10	POCA1	* 1	
11	POCA2	* 1	
12	POCA2	* 1	
13	POPAR	* 1	
14	POPAR	* 1	
15	COPA2	* 1	
16	COPA4	* 1	
17	COPA1	* 1	
18	COPA3	* 1	

J15 (AFF)

PIN	SIGNAL		ADD.
1			
2			
3	AFFAR	* 0	
4	10KHZ	* 0	
5	DS05I	* 0	
6	PR1	* 00	
7	+8,5V		
8	+8,5V		
9	+5V		
10	+5V		
11			
12			
13	S1234	* 1	
14			
15	+19V		
16	+19V		

J16 (AFF)

PIN	SIGNAL		ADD.
1	DBRO	* 1	
2	DSC8Ø	* 0	
3	DBR5	* 1	
4	DSDBØ	* 0	
5	DBR2	* 1	
6	-5V		
7	+12V		
8	MR1	* 1	
9	DBR1	* 1	
10	GROUD		
11	GROUD		
12	DBR7	* 1	
13	DBR6	* 1	
14	DBR4	* 1	
15	DBR3	* 1	
16			

INACTIVE
DO NOT USE FOR NEW DESIGN
INATTIVO
NON USARE PER NUOVI PROGETTI

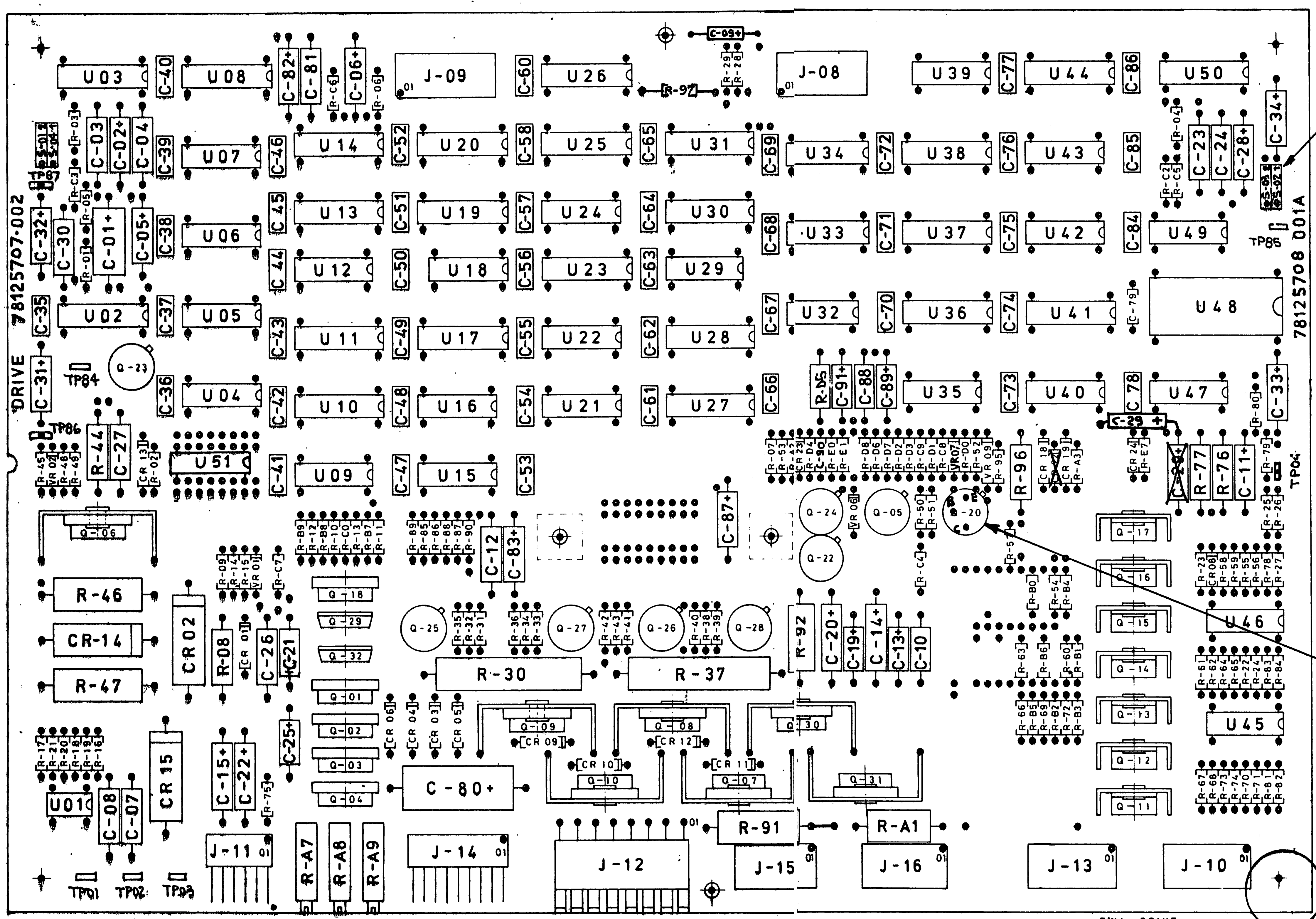
002 001

INTERFACE CONNECTORS - K. DRIVE

Honeywell

F.TO	DISEGNO	PAG.	REV
B	78124964	6/F	BC

B78125707



POSIZIONARE GLI STRAPPING S-01 S-04 COME IN TABELLA SUL FOGLIO 1

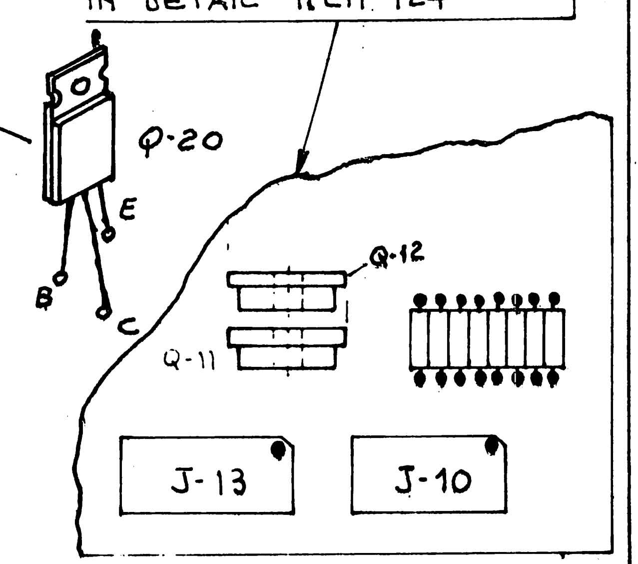
SWITCH THE STRAPPINGS S-01/S-04 AS INDICATED IN TABLE ON SHEET 1

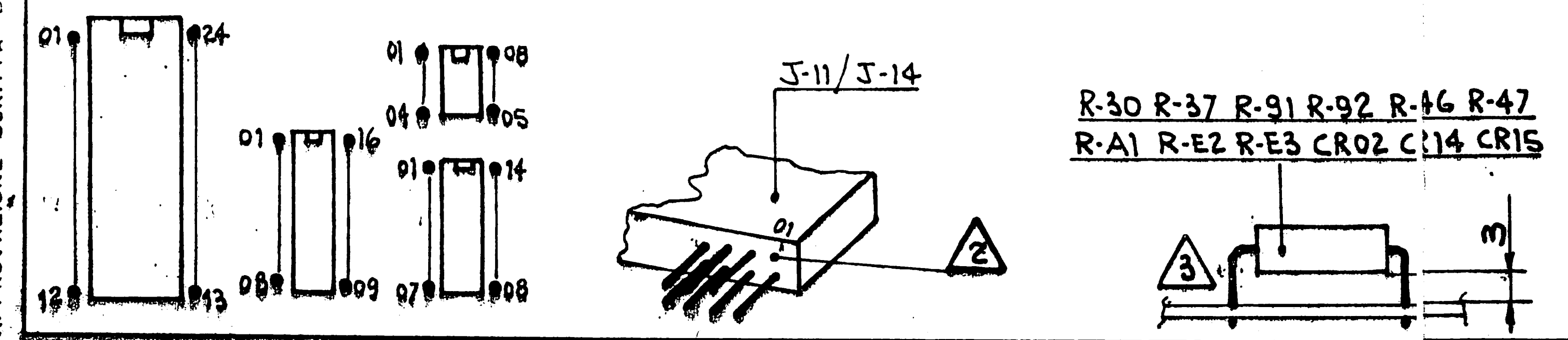
(Q-05 Q-20 Q-24÷Q-28) 92
(Q-22 Q-23) 93

INACTIVE
DO NOT USE FOR NEW DESIGN
INATTIVO
NON USARE PER NUOVI PROGETTI

MONTARE IL TRANSISTOR IN ALTERNATIVA COME INDICATO IN PARTICOLARE ITEM 124

MOUNT THE TRANSISTOR IN ALTERNATIVE AS INDICATED IN DETAIL ITEM 124





R-30 R-37 R-91 R-92 R-46 R-47
R-A1 R-E2 R-E3 CR02 C14 CR15

PWA DRIVE

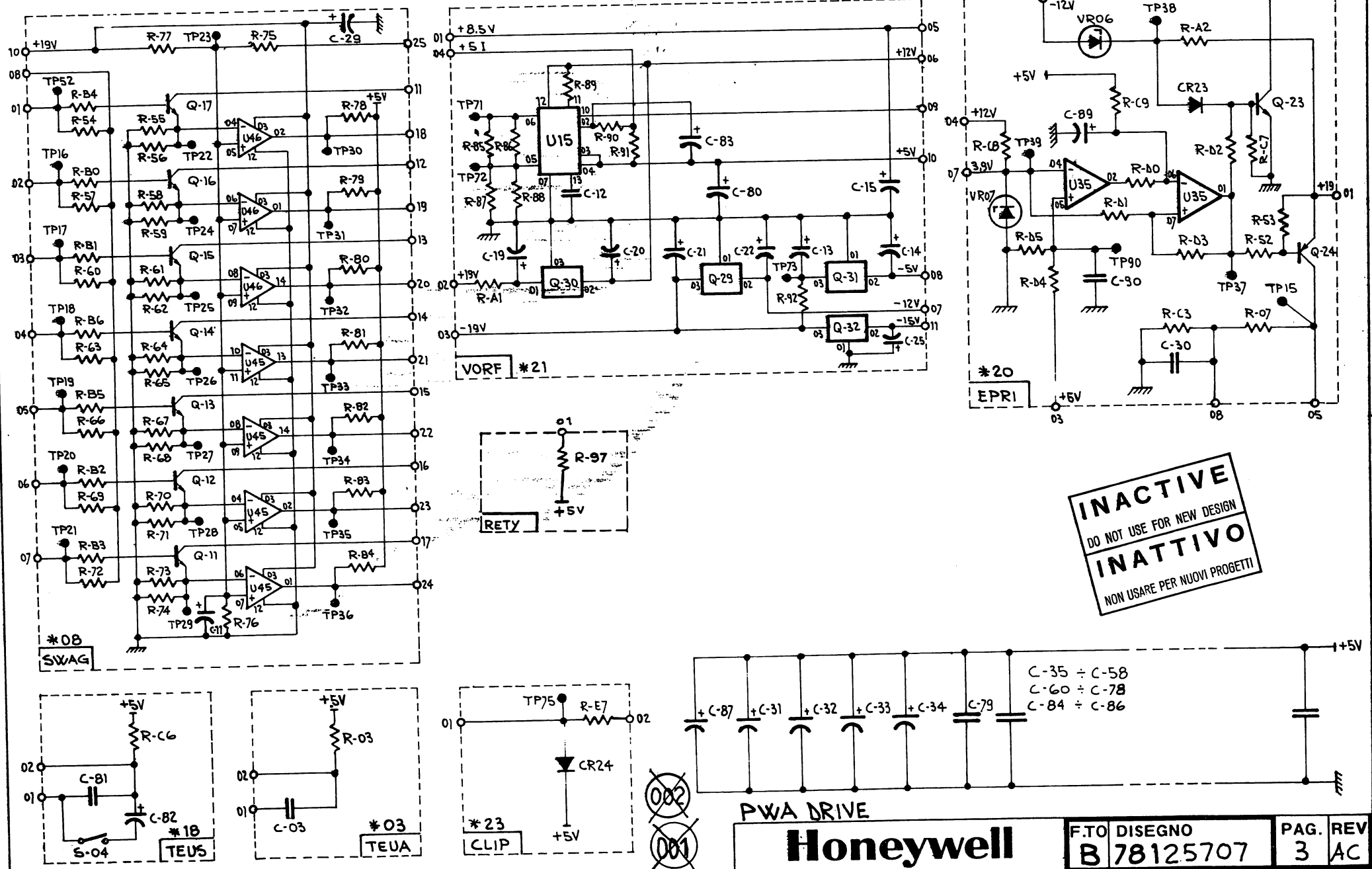
N°4 ZONE (LATO SALDATURA) ESENTI DA TRACCE DI STAGNO DOVUTE ALLA SALDATURA COMPONENTI.

N°4 AREAS (SOLDERING SIDE) WITHOUT TIN RESIDUE, DUE TO COMPONENT SOLDERING

Honeywell	F.TO	DISEGNO	PAG.	REV
	B	78125707	2	AC

COD. 3897703 B

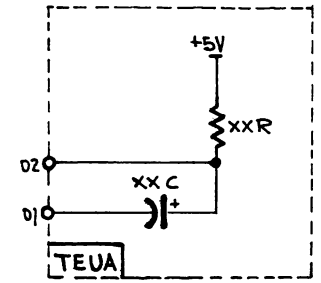
B78125707



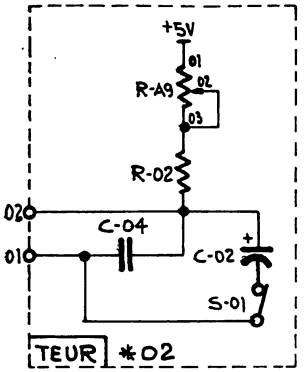
Honeywell

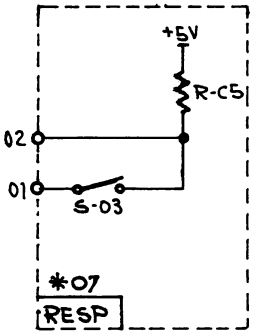
F.TO	DISEGNO	PAG.	REV
B	78125707	3	AC

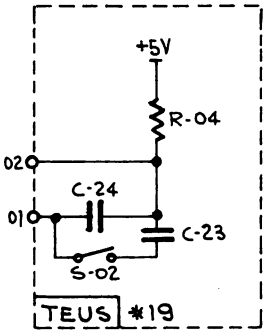
COD. 3897703 B
REV. LUGLIO 1972

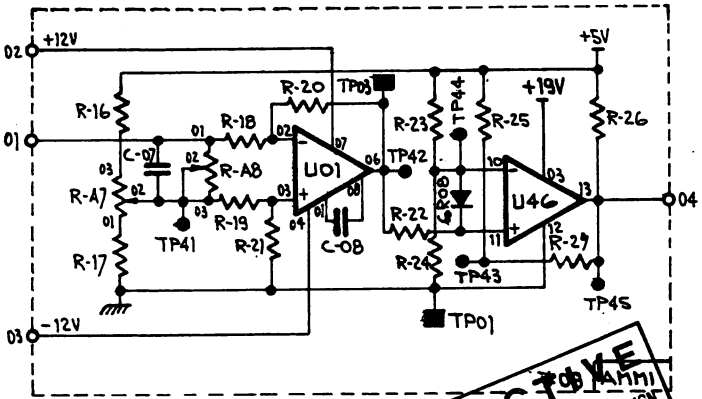


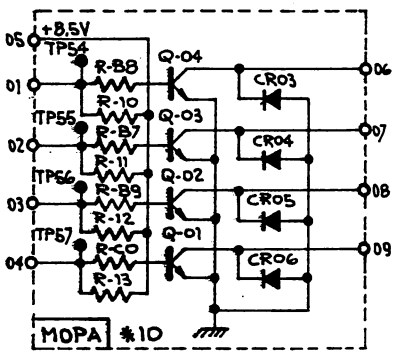
XX = *01 C-01 R-01
*05 C-05 R-05
*06 C-06 R-06
*04 C-28 R-C2

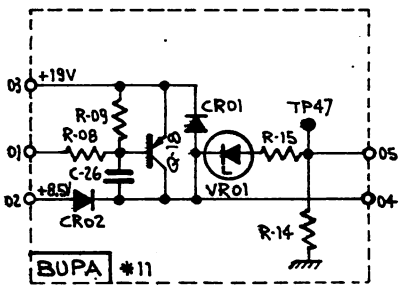


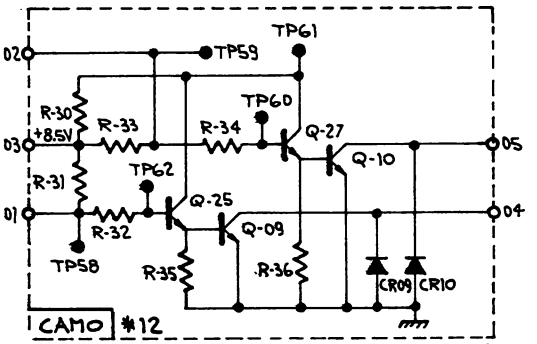


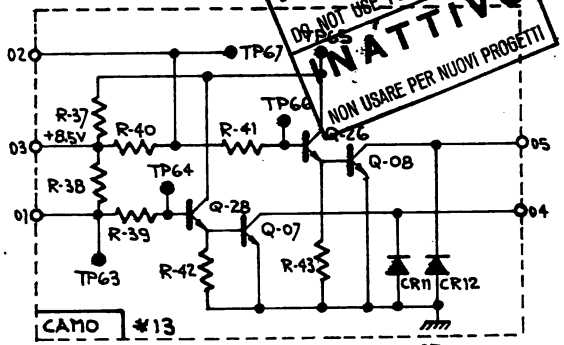


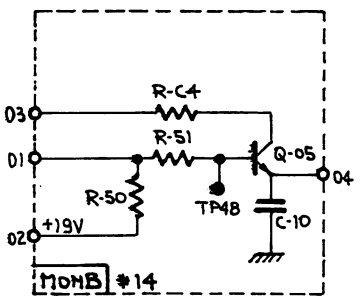


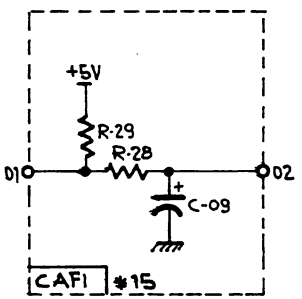


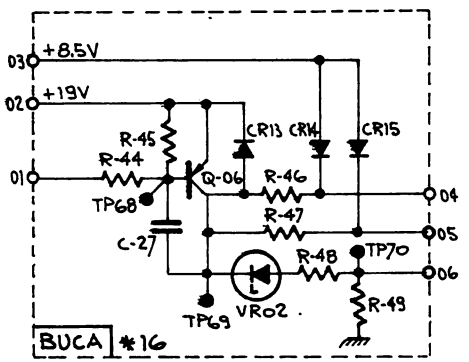


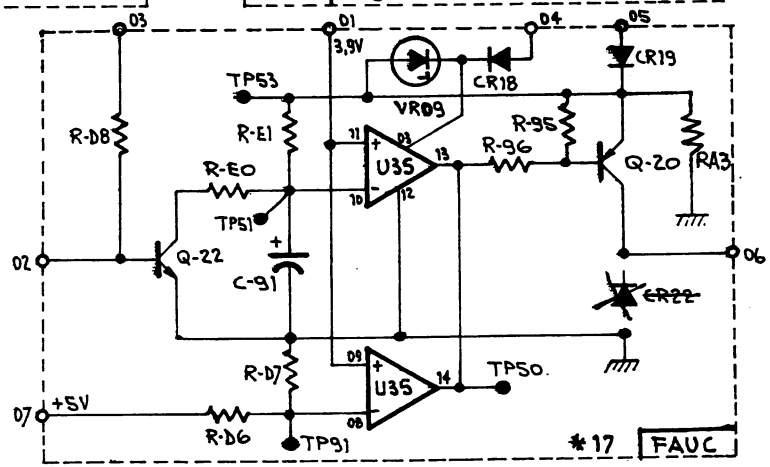










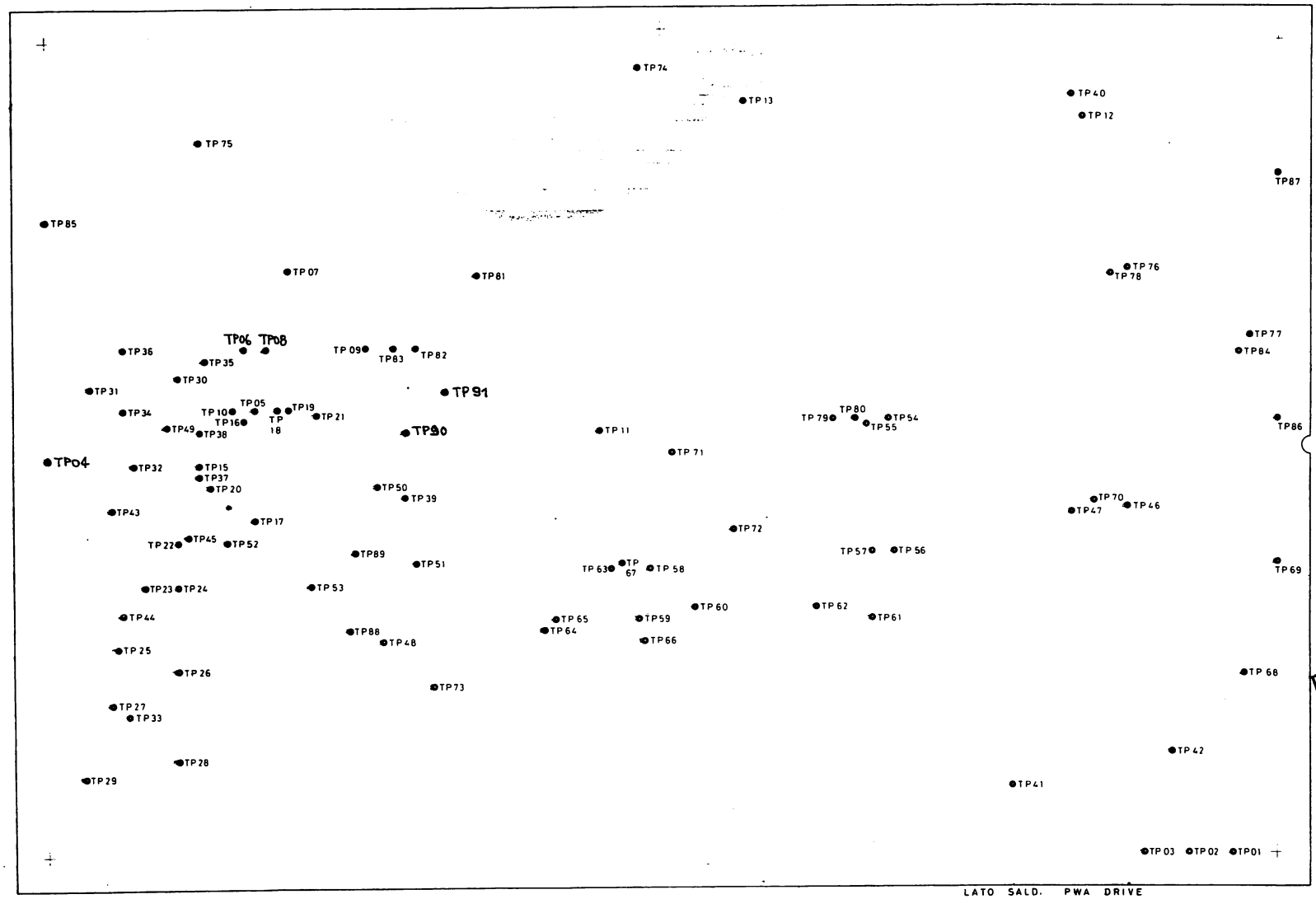


002 001 PWA DRIVE

Honeywell

F.TO	DISEGNO	PAG.	REV
B	78125707	4	AC

B78125707



LATO SALD. PWA DRIVE

INACTIVE
DO NOT USE FOR NEW DESIGN
INATTIVO
NON USARE PER NUOVI PROGETTI

PWA DRIVE

002 001

Honeywell

F.TO	DISEGNO	PAG.	REV
B	78125707	5	AC

CONNETTORI PWA DRIVE

CONNECTORS PWA DRIVE

J08

PIN	SIGNAL		ADD.
1	SØNAL	* 1	
2	PR4	* 1	
3	AB11	* 03	
4	FIVIS	* 1	
5	IØWR	* 0	
6	PRO	* 0	
7	PR3	* 0	
8	AB13	* 12	
9	AB12	* 12	
10	AB14	* 12	
11	PR7	* 1	
12	PAPEN	* 1	
13	SØL	* 00	
14	HØLD	* 0	
15	AB15	* 12	
16	PR1	* 0	
17	100KH	* 0	
18	PR6	* 1	

J09

PIN	SIGNAL		ADD.
1	-12V		
2	RESET	* 0	
3	-15V		
4	DBR7	* 1	
5	DBR3	* 1	
6	DBR1	* 1	
7	DBRO	* 1	
8	DBR2	* 1	
9	+12		
10	+12		
11	DBR6	* 1	
12	DBR5	* 1	
13	DS06I	* 0	
14	ØRDS	* 0	
15	DBR4	* 1	
16	DS05I	* 0	
17	MR1	* 1	
18	-5V		

J10 (VFU-SFU)

PIN	SIGNAL		ADD.
1	DBR1	* 1	
2	DBR3	* 1	
3	PRO	* 00	
4	DBRO	* 1	
5	DBR6	* 1	
6	DBR2	* 1	
7	DBR4	* 1	
8	DBR5	* 1	
9	+5V		
10	+19V		
11	DS06I	* 0	
12	DBR7	* 1	
13	IMPPA	* 01	
14	RESET	* 0	
15	GROUND		
16	DSE8Ø	* 0	

J11 (SWITCHES)

PIN	SIGNAL		ADD.
1			
2	+5V		
3	PAEND	* 1	
4	SØLOO	* 0	
5	EØLOO	* 0	
6	IMBUZ	* 0	
7	+8,5		
8	GROUND		
9	GROUND		
10	SPECA	* 0	
11	MASEN	* 0	
12	GROUND		

J12 (POWER SUPPLY)

PIN	SIGNAL	ADD.
1	+8,5V	
2	+8,5V	
3	+19V	
4	+5I	
5	+5V	
6	GROUND	
7	GROUND	
8	GROUND	

J13 (HEAD CONNECTOR)

PIN	SIGNAL		ADD.
1	+19V		
2	+19V		
3	+19V		
4	CØRIB	* 0	
5	+19V		
6	+19V		
7	+19V		
8	+19V		
9	CØIL1	* 00	
10	CØIL2	* 00	
11	CØIL3	* 00	
12	GROUND		
13	CØIL4	* 00	
14	CØIL5	* 00	
15	CØIL6	* 00	
16	CØIL7	* 00	

J14 (MOTORS)

PIN	SIGNAL		ADD.
1			
2	-19V		
3	BACIT	* 1	
4	BREAT	* 1	
5	COM02	* 0	
6	COM01	* 1	
7	COM04	* 0	
8	COM03	* 1	
9	POCA1	* 1	
10	POCA1	* 1	
11	POCA2	* 1	
12	POCA2	* 1	
13	POPAR	* 1	
14	POPAR	* 1	
15	COPA2	* 1	
16	COPA4	* 1	
17	COPA1	* 1	
18	COPA3	* 1	

J15 (AFF)

PIN	SIGNAL		ADD.
1			
2			
3	AFFAR	* 0	
4	10KHZ	* 0	
5	DS05I	* 0	
6	PR1	* 00	
7	+8,5V		
8	+8,5V		
9	+5V		
10	+5V		
11			
12			
13	S1234	* 0	
14			
15	+19V		
16	+19V		

J16 (AFF)

PIN	SIGNAL		ADD.
1	DBRO	* 1	
2	DSC8Ø	* 0	
3	DBR5	* 1	
4	DSDBØ	* 0	
5	DBR2	* 1	
6	-5V		
7	+12V		
8	MR1	* 1	
9	DBR1	* 1	
10	GROUD		
11	GROUD		
12	DBR7	* 1	
13	DBR6	* 1	
14	DBR4	* 1	
15	DBR3	* 1	
16			

INACTIVE
DO NOT USE FOR NEW DESIGN
INATTIVO
NON USARE PER NUOVI PROGETTI

002 001

INTERFACE CONNECTORS - K. DRIVE

Honeywell

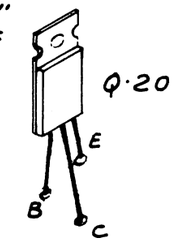
F.TO	DISEGNO	PAG.	REV
B	78125707	6/F	AC

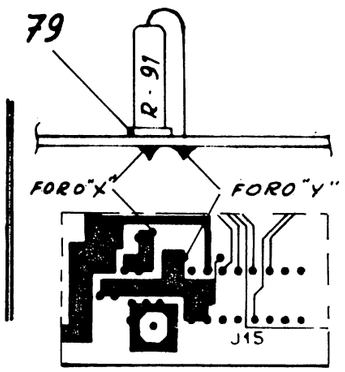
B 78125396

PWA 78125396
PWB 78126681

PWA DRIVE

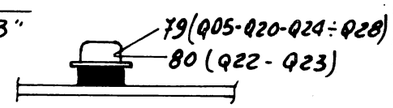
PARTIC. "B"

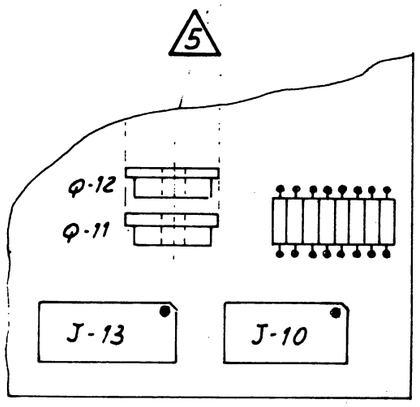




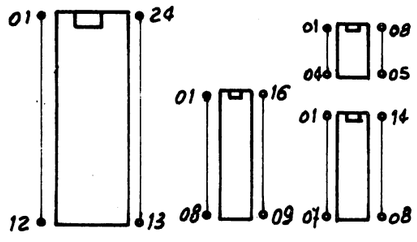
PARTIC. "A"

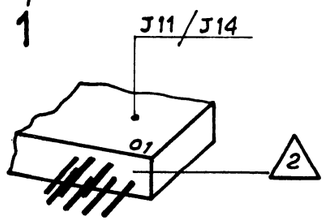
VEDERE PARTIC. "B"





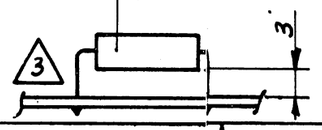
VEDERE PART. "A"

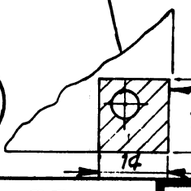




R30 - R37 - R92 - R46 - R47
RA1 - RE2 - RE3 - CR12 - CR14 - CR15

001 002 003 004





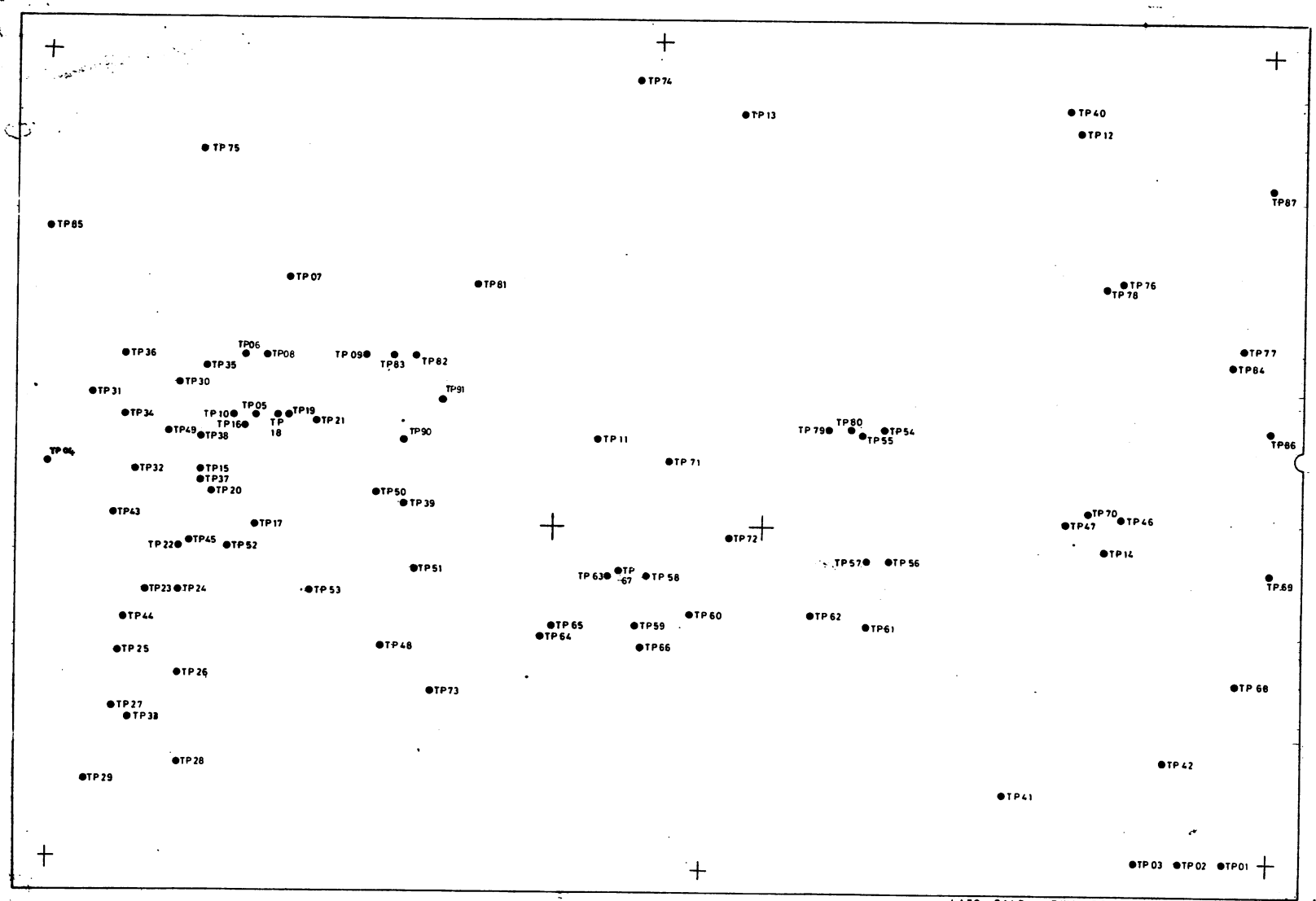
nº4 ZONE (LATO SALDATURA) ESENTI DA TRACCE DI STAGNO DOVUTE ALLA SALDATURA COMPONENTI

nº4 AREAS (SOLDERING SIDE) WITHOUT TIN RESIDUE, DUE TO COMPONENT SOLDERING

Honeywell

F.TO	DISEGNO	PAG.	REV
B	78125396	2	EA

B 78125396



LATO SALD. PWA DRIVE

SCALA 3,69 1

PWA - DRIVE

004 003 002 001

Honeywell

F.TO	DISEGNO	PAG.	REV
B	78125396	3	EA

B78125396

CONNETTORI PWA DRIVE — CONNECTORS PWA DRIVE

J08

PIN	SIGNAL		L.B.D.
1	SØNAL	* 0	
2	PR4	* 1	
3	AB11	* 0	
4	FIVIS	* 1	
5	IØWR	* 0	
6	PRO	* 0	
7	PR3	* 0	
8	AB13	* 1	
9	AB12	* 1	
10	AB14	* 1	
11	PR7	* 1	
12	PAPEN	* 1	
13	SØL	* 00	
14	HØLD	* 0	
15	AB15	* 1	
16	PR1	* 0	
17	100KH	* 0	
18	PR6	* 1	

J09

PIN	SIGNAL		L.B.D.
1	-12V		
2	RESET	* 0	
3	-15V		
4	DBR7	* 1	
5	DBR3	* 1	
6	DBR1	* 1	
7	DBRO	* 1	
8	DBR2	* 1	
9	+12		
10	+12		
11	DBR6	* 1	
12	DBR5	* 1	
13	DSD6I	* 0	
14	ØRDS	* 0	
15	DBR4	* 1	
16	DSO5I	* 0	
17	MR1	* 1	
18	-5V		

J10 (VFU-SFU)

PIN	SIGNAL		L.B.D.
1	DBR1	* 1	
2	DBR3	* 1	
3	PRO	* 00	
4	DBRO	* 1	
5	DBR6	* 1	
6	DBR2	* 1	
7	DBR4	* 1	
8	DBR5	* 1	
9	+5V		
10	+19V		
11	DSO6I	* 0	
12	DBR7	* 1	
13	IMPPA	* 01	
14	AESET	* 0	
15	GROUND		
16	DSEØØ	* 0	

J11 (SWITCHES)

PIN	SIGNAL		L.B.D.
1			
2	+5V		
3	PREND	* 1	
4	SØLOO	* 0	
5	EØLOO	* 0	
6	IMBUZ	* 0	
7	+8,5		
8	GROUND		
9	GROUND		
10	SPECA	* 0	
11	MASEN	* 0	
12	GROUND		

J12 (POWER SUPPLY)

PIN	SIGNAL	L.B.D.
1	+8,5V	
2	+8,5V	
3	+19V	
4	+5I	
5	+5V	
6	GROUND	
7	GROUND	
8	GROUND	

J13 (HEAD CONNECTOR)

PIN	SIGNAL		L.B.D.
1	+19V		
2	+19V		
3	+19V		
4	CØRIB	* 0	
5	+19V		
6	+19V		
7	+19V		
8	+19V		
9	CØIL1	* 00	
10	CØIL2	* 00	
11	CØIL3	* 00	
12	GROUND		
13	CØIL4	* 00	
14	CØIL5	* 00	
15	CØIL6	* 00	
16	CØIL7	* 00	

J14 (MOTORS)

PIN	SIGNAL		L.B.D.
1			
2	-19V		
3	BACIT	* 1	
4	BREAT	* 1	
5	COMO2	* 0	
6	COMO1	* 1	
7	COMO4	* 0	
8	COMO3	* 1	
9	POCA1	* 1	
10	POCA1	* 1	
11	POCA2	* 1	
12	POCA2	* 1	
13	POPAR	* 1	
14	POPAR	* 1	
15	COPA2	* 1	
16	COPA4	* 1	
17	COPA1	* 1	
18	COPA3	* 1	

J15 (AFF)

PIN	SIGNAL		L.B.D.
1			
2			
3	AFFAR	* 0	
4	10KHZ	* 0	
5	DSO5I	* 0	
6	PR1	* 00	
7	+8,5V		
8	+8,5V		
9	+5V		
10	+5V		
11			
12			
13	S1234	* 1	
14			
15	+19V		
16	+19V		

J16 (AFF)

PIN	SIGNAL		L.B.D.
1	DBRO	* 1	
2	DSCSØ	* 0	
3	DBR5	* 1	
4	DSDBØ	* 0	
5	DBR2	* 1	
6	-5V		
7	+12V		
8	MR1	* 1	
9	DBR1	* 1	
10	GROUD		
11	GROUD		
12	DBR7	* 1	
13	DBR6	* 1	
14	DBR4	* 1	
15	DBR3	* 1	
16			

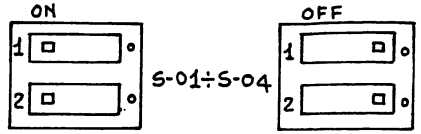


TABELLA POSIZIONAMENTO STRAPPINGS (4)

SWITCH	Rosy: 26.0-26.1-26.12 26R-26OEM 28 LINA: 22-25-26-26LX-27 40-41-42-43-44-46	SARA: 19-20 POLY: 21 ROSY: 21-24.0-24.1-25 72-74-82 LINA: 20-21
S-01	MUST BE OFF	MUST BE ON
S-04	MUST BE OFF	MUST BE ON
S-02	MUST BE OFF	MUST BE ON
S-03	MUST BE ON	MUST BE ON

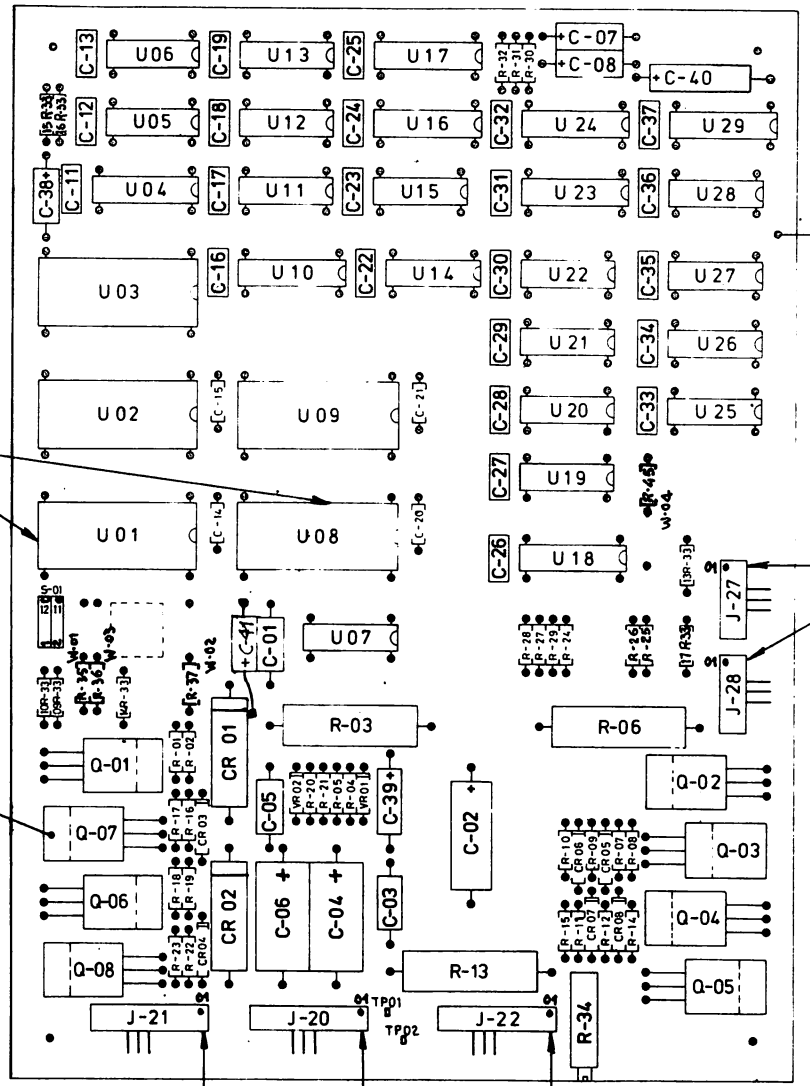
004 ~~003~~ ~~002~~ ~~001~~

INTERFACE CONNECTORS - K. DRIVE

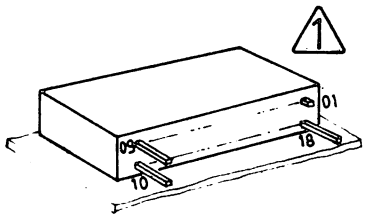
Honeywell

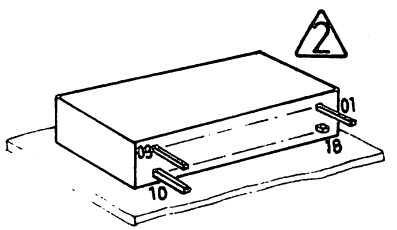
F.TO	DISEGNO	PAG.	REV.
B	78125396	4/F	EA

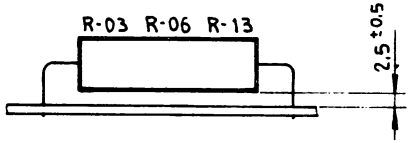
COD. 3897703 8
REV. LUGLIO 1972

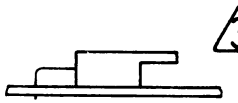


58









W01÷W04 - RESISTORS FOR BRIDGE SIMULATION.

Δ3. TRANSISTOR MUST BE ASSEMBLED SO THAT THEIR SIDES IN PLASTIC MATERIAL IN TOUCH WITH THE PWB.

Δ2. CUT THE PIN # 18

Δ1. CUT THE PIN # 1.

NOTES:

W01÷W04. RESISTENZE PER SIMULAZIONE PONTICELLI.

Δ3. I TRANSISTOR DEVONO ESSERE MONTATI CON IL LATO IN PLASTICA A CONTATTO CON IL PWB.

Δ2. TAGLIARE IL PIN 18

Δ1. TAGLIARE IL PIN N°1.

NOTE:

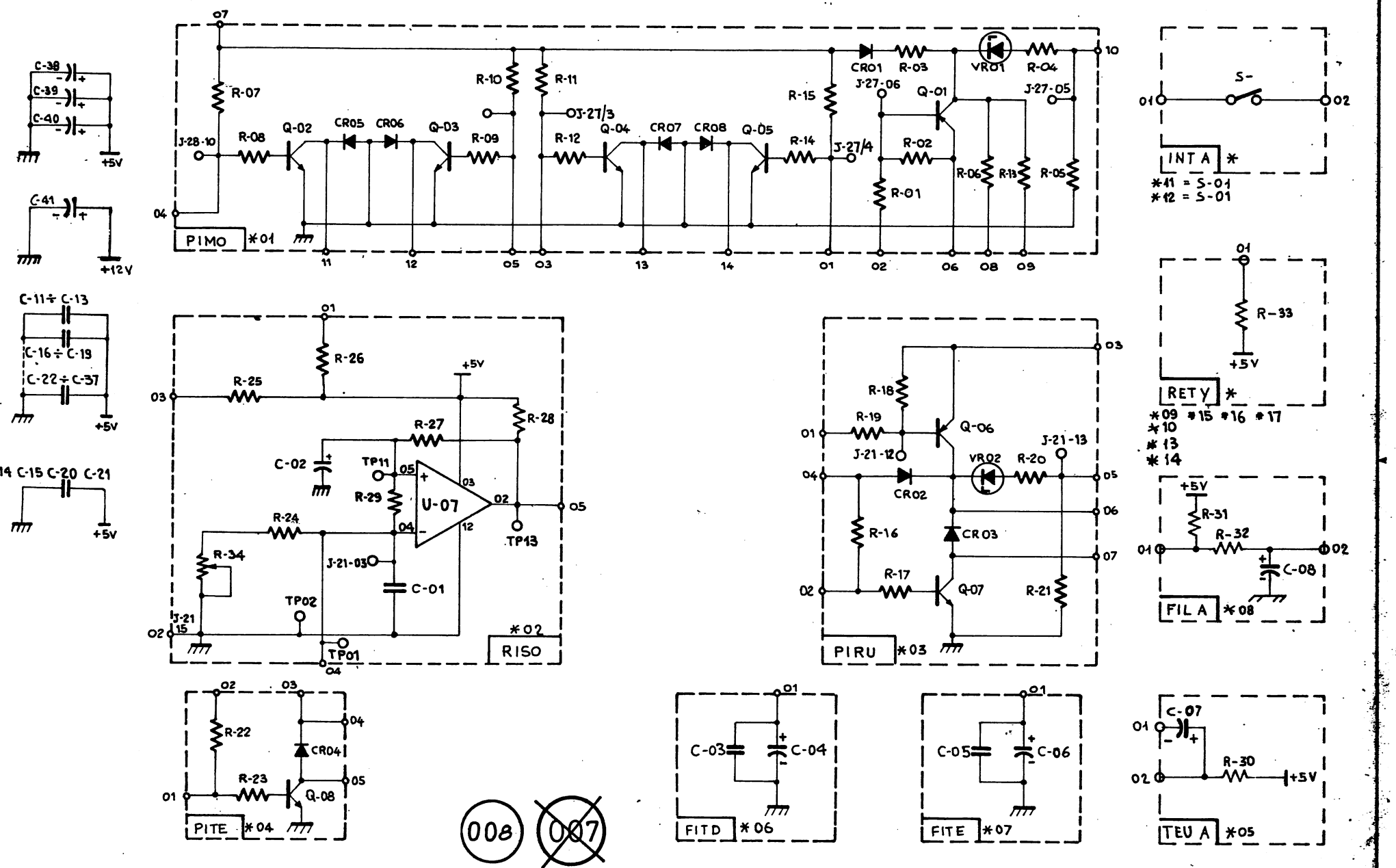
008

007

PWA AFF

Honeywell

F.TO	DISEGNO	PAG.	REV
B	78 117217	7	PA



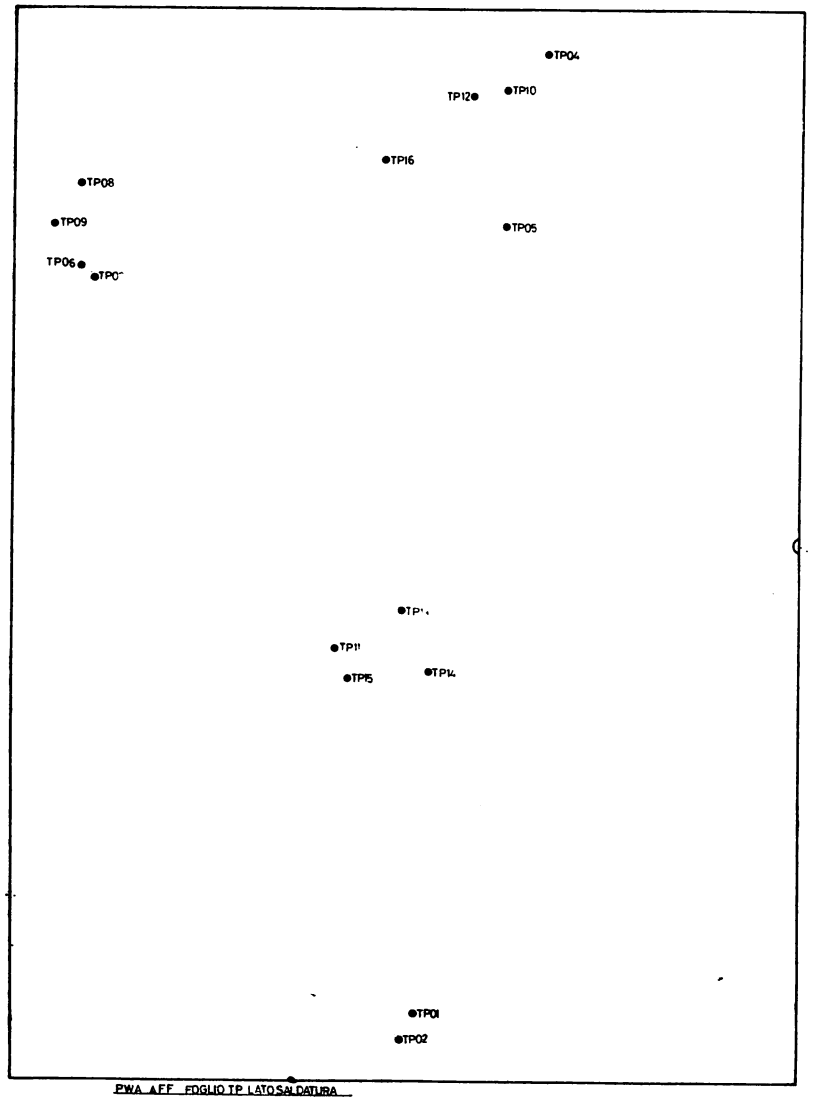
PWA AFF

Honeywell

F.TO	DISEGNO	PAG.	REV
B	78117217	9	PA

COD. 3897703 B
REV. LUGLIO 1972

B 78117217



PWA AFF FOGLIO TP LATO SALDATURA

008

007

PWA AFF

Honeywell

F.TO	DISEGNO	PAG.	REV
B	78117217	10	PA

COD. 3897703 B
REV. LUGLIO 1972

J-20 (DRIVE)		
PIN	SIGNAL	FUNCTION
1		
2	DBR0 #1	DATA BUS
3	DSC8Ø #0	SELECTION SIGN.
4	DBR5 #1	DATA BUS
5	DSD8Ø #0	SELECTION SIGN.
6	DBR2 #1	DATA BUS
7	-5V	
8	+12V	
9	MR1 #11	RESET
10	DBR1 #1	DATA BUS
11	ZERØ0 #1	
12	ZERØ0 #1	
13	DBR7 #1	}
14	DBR6 #1	}
15	DBR4 #1	} DATA BUS
16	DBR3 #1	}
17		}
18		

J-21 (DRIVE)		
PIN	SIGNAL	FUNCTION
1		
2	PASE #1	
3		
4	AFFAR #0	
5	10KHZ #0	CLOCK
6	DS05I #1	SELECTION SIGN
7	PR1 #00	AFF INT.
8	+8,5V	
9	+8,5V	
10	+5V	
11	+5V	
12		
13	ELSER #1	ELECT. MAGN. SENSOR
14	S1234 #1	ENABLE MEM. ADDR.
15		
16	+19V	
17	+19V	
18		

J-22 (CPU)		
PIN	SIGNAL	FUNCTION
1		
2	MEMW #02	
3	AB11 #1	}
4	AB8 #1	}
5	AB7 #1	} ADDRESS BUS
6	AB5 #1	}
7	AB2 #1	}
8	AB0 #1	}
9		
10	MEMR #02	MEMORY READ
11	AB12 #1	}
12	AB10 #1	}
13	AB9 #1	}
14	AB4 #1	} ADDRESS BUS
15	AB6 #1	}
16	AB3 #1	}
17	AB1 #1	}
18	AB13 #1	}

J-27 (SENSOR)		
PIN	SIGNAL	FUNCTION
1		
2	ZERØ0 #0	
3	STRA4 #0	} LOADING
4	STRA3 #0	} POSIT. SELECTION
5	MØSER #1	ENHANCH MOTOR
6		
7	AMFØ #0	FOTO DIODE ANODE
8	ZERØ0 #0	
9	CØFØ #1	FOTOTR. COLLECT
10	EMFØ #1	FOTOTR. EMITTER
11	ZERØ0 #1	
12	PULAF #00	AFF PUSH BUTTON

J-28 (MECHAN.)		
PIN	SIGNAL	FUNCTION
1		
2	FASE1 #1	MOTOR PHASE 1
3	FASE2 #1	MOTOR PHASE 2
4	ELT1 #1	STOPPER ELECTR
5	FASE3 #1	MOTOR PHASE 3
6	FASE4 #1	MOTOR PHASE 4
7	ELRU1 #1	PINCH ROLLER 1
8	ELRU2 #0	PINCH ROLLER 2
9	ELTE2 #0	STOPPER ELECTR
10	IMSE1 #0	IMPUT PHASE 1
11	CØSE1 #1	ENHANCH MOTOR 1
12	CØSE2 #1	ENHANCH MOTOR 2

COD. 3897703 B
REV. LUGLIO 1972

PWA AFF

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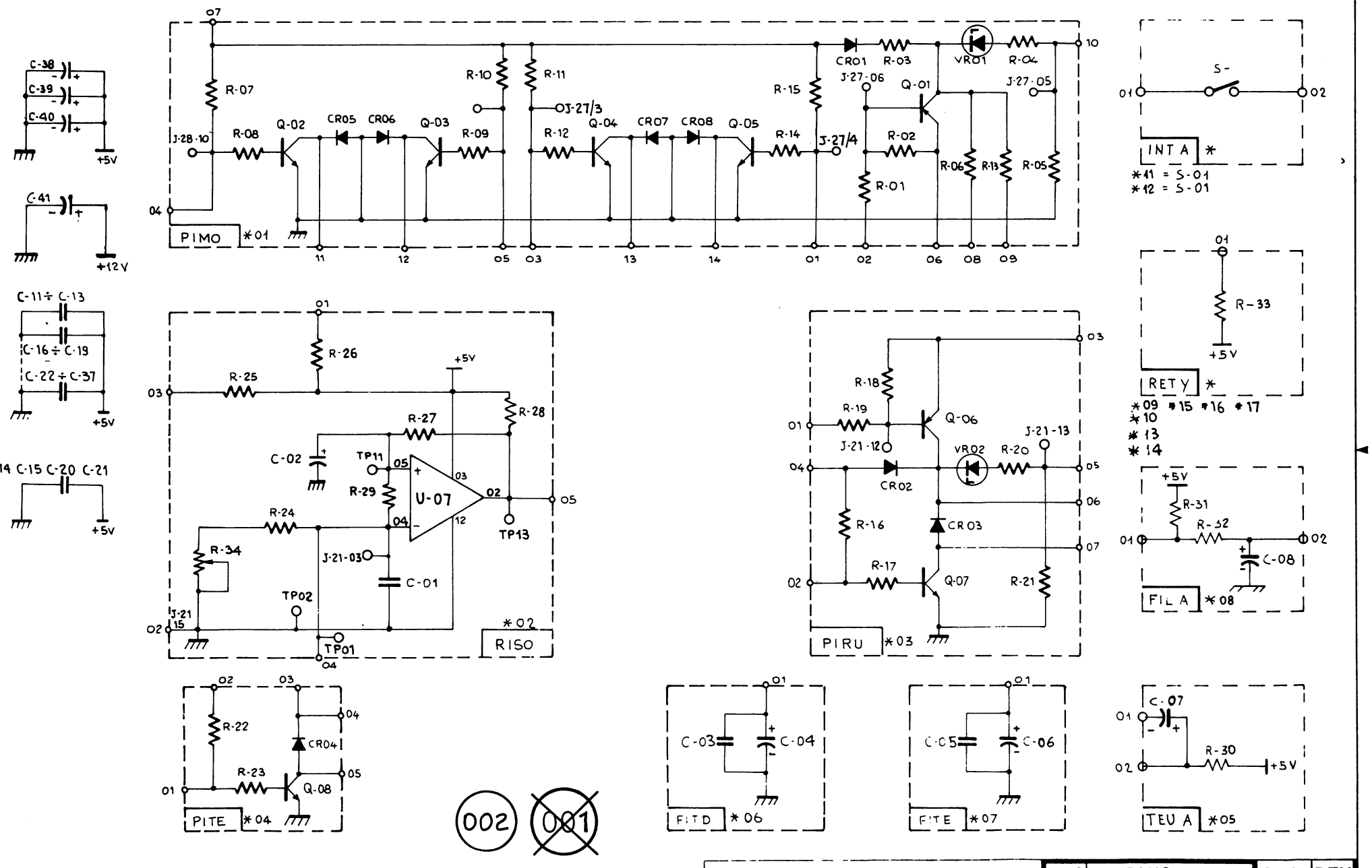
Honeywell

F.TO	DISEGNO	PAG.	REV
B	78117217	11/F	P.A.



PWA AFF-E

Honeywell

F.TO	DISEGNO	PAG.	REV
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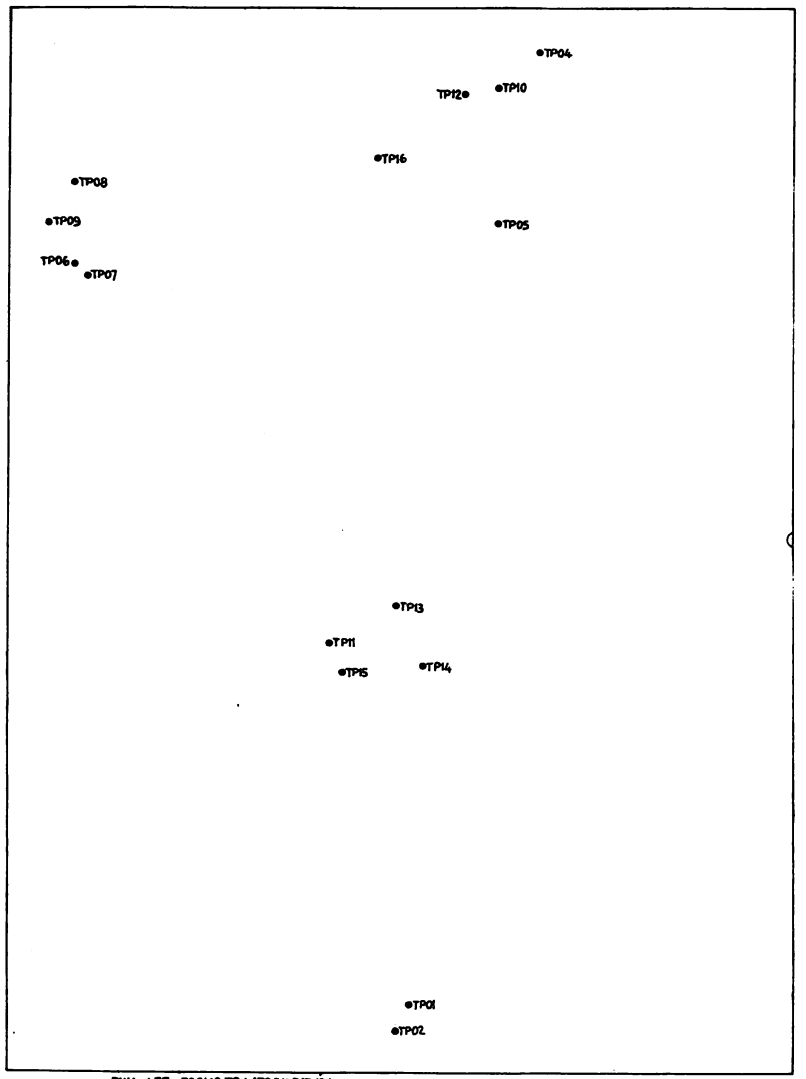

PWA AFF FOGLIO TP LATO SALDATURA

002

001

PWA AFF-E

J-20 (DRIVE)

PIN	SIGNAL	FUNCTION
1		
2	DBR0 *1	DATA BUS
3	DSC8Ø *0	SELECTION SIGN.
4	DBR5 *1	DATA BUS
5	DSD8Ø *0	SELECTION SIGN.
6	DBR2 *1	DATA BUS
7	-5V	
8	+12V	
9	MR1 *11	RESET
10	DBR1 *1	DATA BUS
11	ZERØ0 *1	
12	ZERØ0 *1	
13	DBR7 *1	} DATA BUS
14	DBR6 *1	
15	DBR4 *1	
16	DBR3 *1	
17		
18		

J-21 (DRIVE)

PIN	SIGNAL	FUNCTION
1		
2	PASE *1	
3		
4	AFFAR *0	
5	10KHZ *0	CLOCK
6	DS05I *1	SELECTION SIGN
7	PR1 *00	AFF INT.
8	+8,5V	
9	+8,5V	
10	+5V	
11	+5V	
12		
13	ELSER *1	ELECT. MAGN. SENSOR
14	S1234 *1	ENABLE MEM. ADDR.
15		
16	+19V	
17	+19V	
18		

J-22 (CPU)

PIN	SIGNAL	FUNCTION
1		
2	MEMW *02	
3	AB11 *1	} ADDRESS BUS
4	AB8 *1	
5	AB7 *1	
6	AB5 *1	
7	AB2 *1	
8	AB0 *1	
9		
10	MEMR *02	MEMORY READ
11	AB12 *1	} ADDRESS BUS
12	AB10 *1	
13	AB9 *1	
14	AB4 *1	
15	AB6 *1	
16	AB3 *1	
17	AB1 *1	
18	AB13 *1	

J-27 (SENSOR)

PIN	SIGNAL	FUNCTION
1		
2	ZERØ0 *0	
3	STRA4 *0	} LOADING POSIT. SELECTION
4	STRA3 *0	
5	MØSER *1	ENANCH MOTOR
6		
7	ANFØ *0	FOTO DIODE ANODE
8	ZERØ0 *0	
9	CØFØ *1	FOTOTR. COLLECT
10	EMFØ *1	FOTOTR. EMITTER
11	ZERØ0 *1	
12	PULAF *00	AFF PUSH BUTTON

J-28 (MECHAN.)

PIN	SIGNAL	FUNCTION
1		
2	FASE1 *1	MOTOR PHASE 1
3	FASE2 *1	MOTOR PHASE 2
4	ELT1 *1	STOPPER ELECTR
5	FASE3 *1	MOTOR PHASE 3
6	FASE4 *1	MOTOR PHASE 4
7	ELRU1 *1	PINCH ROLLER 1
8	ELRU2 *0	PINCH ROLLER 2
9	ELTE2 *0	STOPPER ELECTR
10	IMSE1 *0	IMPUT PHASE 1
11	CØSE1 *1	ENANCH MOTOR 1
12	CØSE2 *1	ENANCH MOTOR 2

MOD. 3897 3 B
REV. LUGLIO 1972

PWA AFF-E

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Honeywell

F.TO	DISEGNO	PAG.	REV
B	78122655	5/F	DA

B 78119100

REVISIONI				
REV	NUMERO C O	DATA A	DATA M	DATA G	FIRMA

J-20 (DRIVE)		
PIN	SIGNAL	FUNCTION
1		
2	DBR0 *1	DATA BUS
3	DSC8Ø *0	SELECTION SIGN.
4	DBR5 *1	DATA BUS
5	DSD8Ø *	SELECTION SIGN.
6	DBR2 *1	DATA BUS
7	-5V	
8	+12V	
9	MR1 *11	RESET
10	DBR1 *1	DATA BUS
11	ZERØ0 *1	
12	ZERØ0 *1	
13	DBR7 *1	DATA BUS
14	DBR6 *1	
15	DBR4 *1	
16	DBR3 *1	
17		
18		

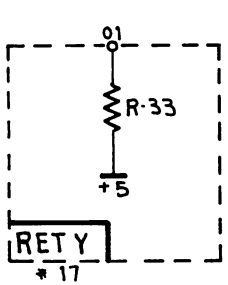
J-21 (DRIVE)		
PIN	SIGNAL	FUNCTION
1		
2	PASE *1	PAPER SENSOR
3		
4	AFFAR *0	AFF FAUT SIGN.
5	10KHZ *0	CLOCK
6	DS05I *1	SELECTION SIGN.
7	PR1 *00	AFF INT.
8	+8.5V	
9	+8.5V	
10	+5V	
11	+5V	
12		
13	ELSER *1	ELECT. MAGN. SENSOR
14	S1234 *1	ENABLE MEM. ADDR.
15		
16	+19V	
17	+19V	
18		

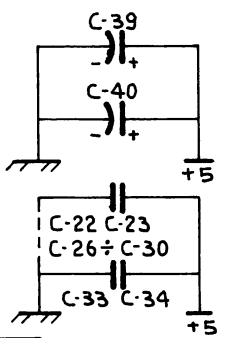
SEMICONDUTTORI SEMICONDUCTORS	
SIMBOLO SYMBOL	RIF.
U-21 U-25 U-15	5
U-18	4
U-14	13
U-20 U-19	3
U-26	14
U-22	15
U-09	16

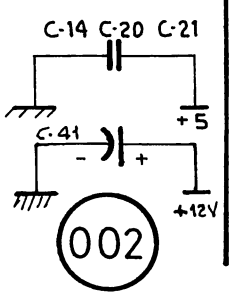
CONDENSATORI CAPACITORS	
SIMBOLO SYMBOL	RIF.
C-22 C-23 C-26÷C-30	9
C-33 C-34	9
C-14 C-20 C-21	8
C-39 C-40	7
C-41	19

RESISTORI RESISTORS		
SIMBOLO SYMBOL	RIF.	
R-33	17	
R-45 R-35 R-36 R-37	18	3

VARI OTHERS	
SIMBOLO SYMBOL	RIF.
J-20 ÷ J-22	10







J-22 (CPU)		
PIN	SIGNAL	FUNCTION
1		
2	MEMW *02	MEMORY WRITE
3	AB11 *1	ADDRESS BUS
4	AB8 *1	
5	AB7 *1	
6	AB5 *1	
7	AB2 *1	
8	AB0 *1	
9		
10	MEMR *02	MEMORY READ
11	AB12 *1	ADDRESS BUS
12	AB10 *1	
13	AB9 *1	
14	AB4 *1	
15	AB6 *1	
16	AB3 *1	
17	AB1 *1	
18	AB13 *1	

RIF. SPEC. N°	

FOR DOCUMENT STATUS SEE REVISION STATUS SHEET

PER IL LIVELLO DI MODIFICA VEDI FOGLIO REVISIONE

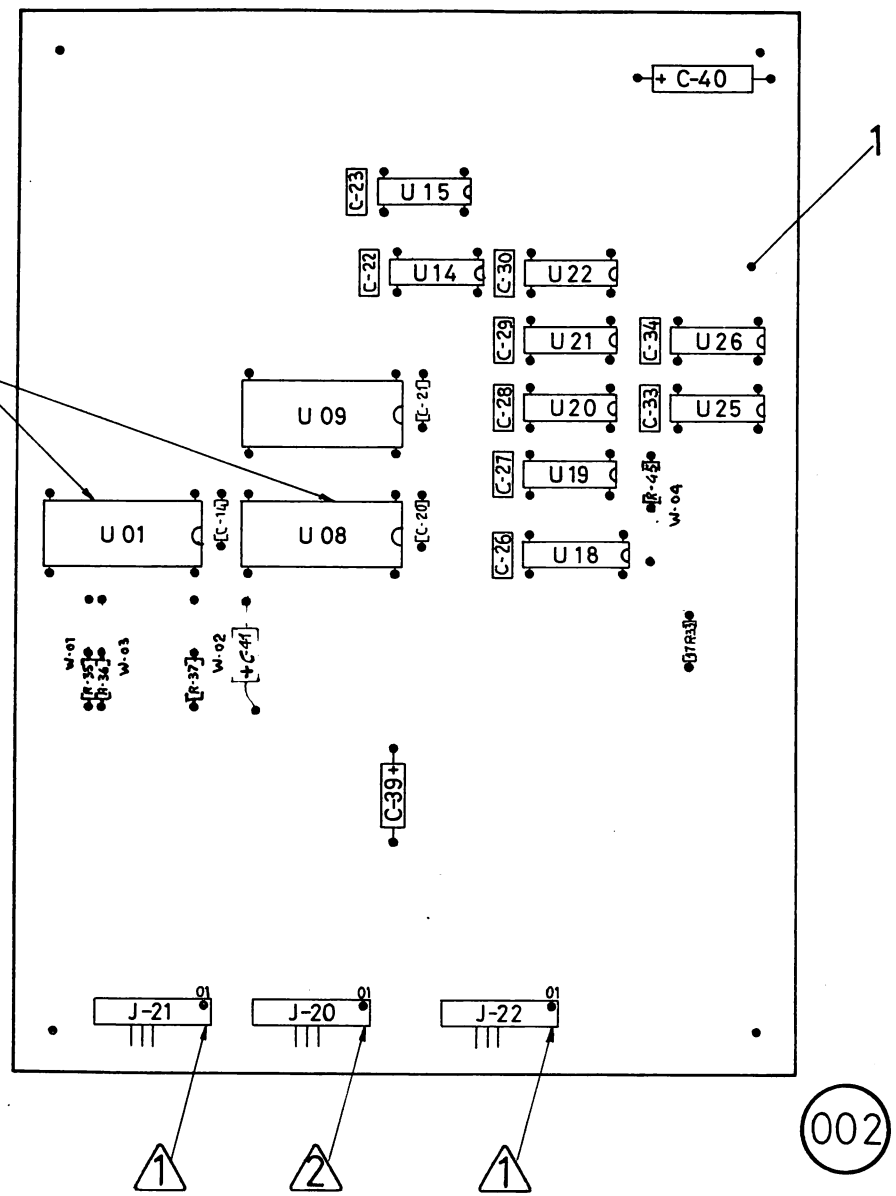
SALVO INDICAZIONE CONTRARIA
DIMENSIONI: MILLIMETRI / INCH
TOLLERANZE DIMENS. E DI FORMA VEDI:
QUOTE IN
PROIEZIONE
SCALA | COD.
MAT.
TT.
FIN.
DISEGNATO 78-GIU-7 E.GUALANDI
APPROVATO

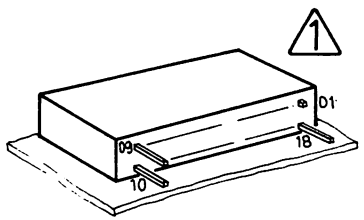
Honeywell
Honeywell Information Systems Italia
LOC. PREGNANA MILANESE, ITALIA

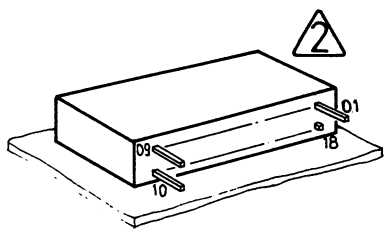
DESCRIZIONE
PWA AFF-D

F.TO	DISEGNO	PAG.	REV.
B	78119100	3	BA

COD. 3898104 Q
REV. LUGLIO 1972







W01÷W04 - RESISTORS FOR BRIDGE SIMULATION.

Δ2. CUT THE PIN # 18

Δ1. CUT THE PIN # 1

NOTES:

W01÷W04. RESISTENZE PER SIMULAZIONE PONTICELLI.

Δ2. TAGLIARE IL PIN N° 18

Δ1. TAGLIARE IL PIN N° 1

NOTE:

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PWA-AFFD

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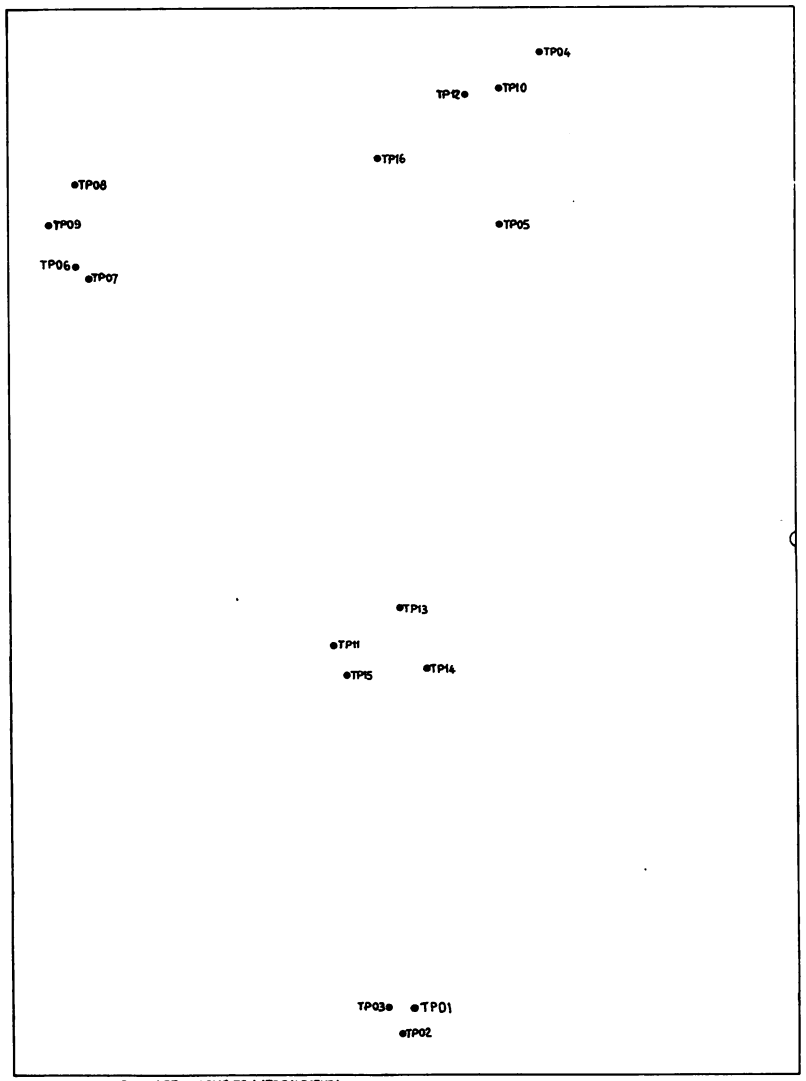
F.TO	DISEGNO	PAG.	REV
B	78119100	4	DA



PWA AFF FOGLIO TP LATOSALDATURA

002

PWA AFFD

Honeywell

F.TO	DISEGNO	PAG.	REV
B	78119100	5/F	BA

B 78122656

REVISIONI				
REV.	NUMERO C.O.	DATA A	DATA M	DATA G	FIRMA

J-20 (DRIVE)		
PIN	SIGNAL	FUNCTION
1		
2	DBR0 *1	DATA BUS
3	DSCBØ *0	SELECTION SIGN.
4	DBR5 *1	DATA BUS
5	DSD8Ø*	SELECTION SIGN.
6	DBR2 *1	DATA BUS
7	-5V	
8	+12V	
9	MR1 *11	RESET
10	DBR1 *1	DATA BUS
11	ZERØ0 *1	
12	ZERØ0 *1	
13	DBR7 *1	DATA BUS
14	DBR6 *1	
15	DBR4 *1	
16	DBR3 *1	
17		
18		

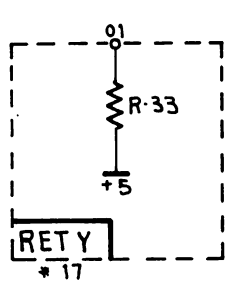
J-21 (DRIVE)		
PIN	SIGNAL	FUNCTION
1		
2	PASE *1	PAPER SENSOR
3		
4	AFFAR *0	AFF FAUT SIGN.
5	10KHZ *0	CLOCK
6	DS05I *1	SELECTION SIGN.
7	PR1 *00	AFF INT.
8	+8,5V	
9	+8,5V	
10	+5V	
11	+5V	
12		
13	ELSER *1	ELECT. MAGN. SENSOR
14	S1234 *1	ENABLE MEM. ADDR.
15		
16	+19V	
17	+19V	
18		

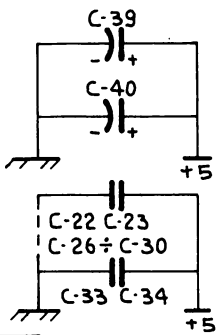
SEMICONDUTTORI SEMICONDUCTORS	
SIMBOLO SYMBOL	RIF.
U-21 U-25 U-15	5
U-18	4
U-14	13
U-20 U-19	3
U-26	14
U-22	15
U-09	16

CONDENSATORI CAPACITORS	
SIMBOLO SYMBOL	RIF.
C-22 C-23 C-26÷C-30	9
C-33 C-34	9
C-14 C-20 C-21	8
C-39 C-40	7
C-41	19

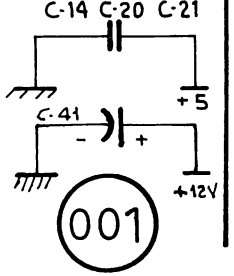
RESISTORI RESISTORS		
SIMBOLO SYMBOL	RIF.	
R-33	17	
R-45 R-35 R-36 R-37	18	3

VARI OTHERS	
SIMBOLO SYMBOL	RIF.
J-20 ÷ J-22	10





J-22 (CPU)			
PIN	SIGNAL		FUNCTION
1			
2	MEMW	*02	MEMORY WRITE
3	AB11	*1	ADDRESS BUS
4	AB8	*1	
5	AB7	*1	
6	AB5	*1	
7	AB2	*1	
8	AB0	*1	
9			
10	MEMR	*02	MEMORY READ
11	AB12	*1	ADDRESS BUS
12	AB10	*1	
13	AB9	*1	
14	AB4	*1	
15	AB6	*1	
16	AB3	*1	
17	AB1	*1	
18	AB13	*1	



RIF. SPEC. N°

FOR DOCUMENT STATUS SEE REVISION STATUS SHEET

PER IL LIVELLO DI MODIFICA VEDI FOGLIO REVISIONE

SALVO INDICAZIONE CONTRARIA
DIMENSIONI: MILLIMETRI / INCH
TOLLERANZE DIMENS. E DI FORMA VEDI:
QUOTE IN
PROIEZIONE

SCALA | COD.

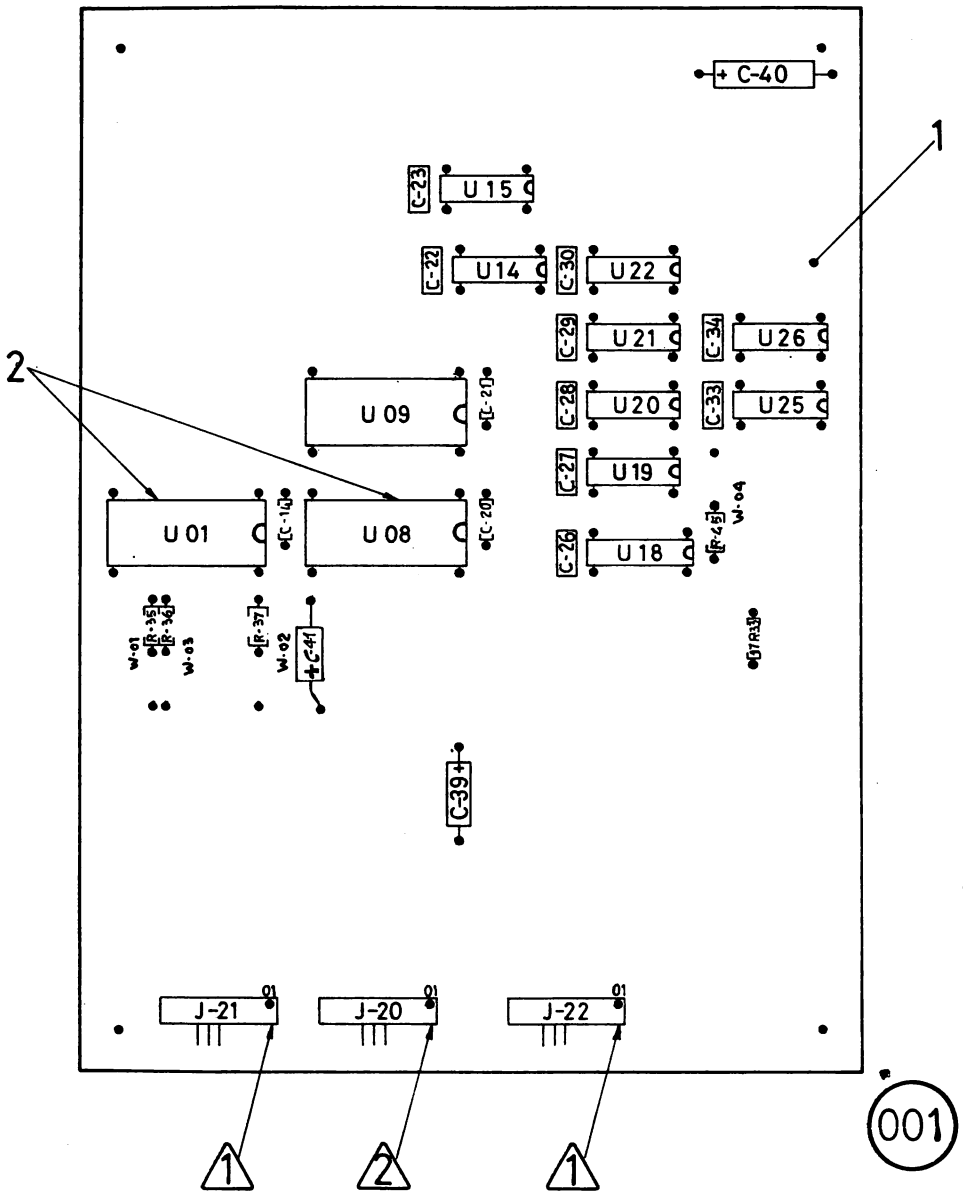
MAT.
TT
FIN.
DISEGNATO 78-GIU-7 E. GUALANDI
APPROVATO

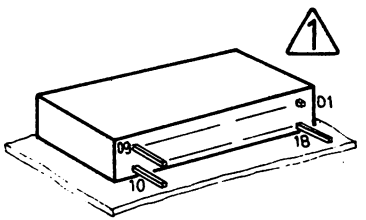
Honeywell
Honeywell Information Systems Italia
LOC. PREGNANA MILANESE. ITALIA

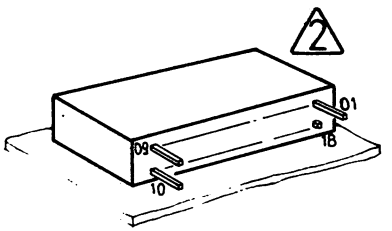
DESCRIZIONE
PWA AFF-ED

F.TO	DISEGNO	PAG.	REV.
B	78122656	1/3	AA

COD. 3896104 Q
REV. LUGLIO 1972







W01÷W04 - RESISTORS FOR BRIDGE SIMULATION.

Δ2. CUT THE PIN # 18

Δ1. CUT THE PIN # 1

NOTES:

W01÷W04 - RESISTENZE PER SIMULAZIONE PONTICELLI.

Δ2. TAGLIARE IL PIN N° 18

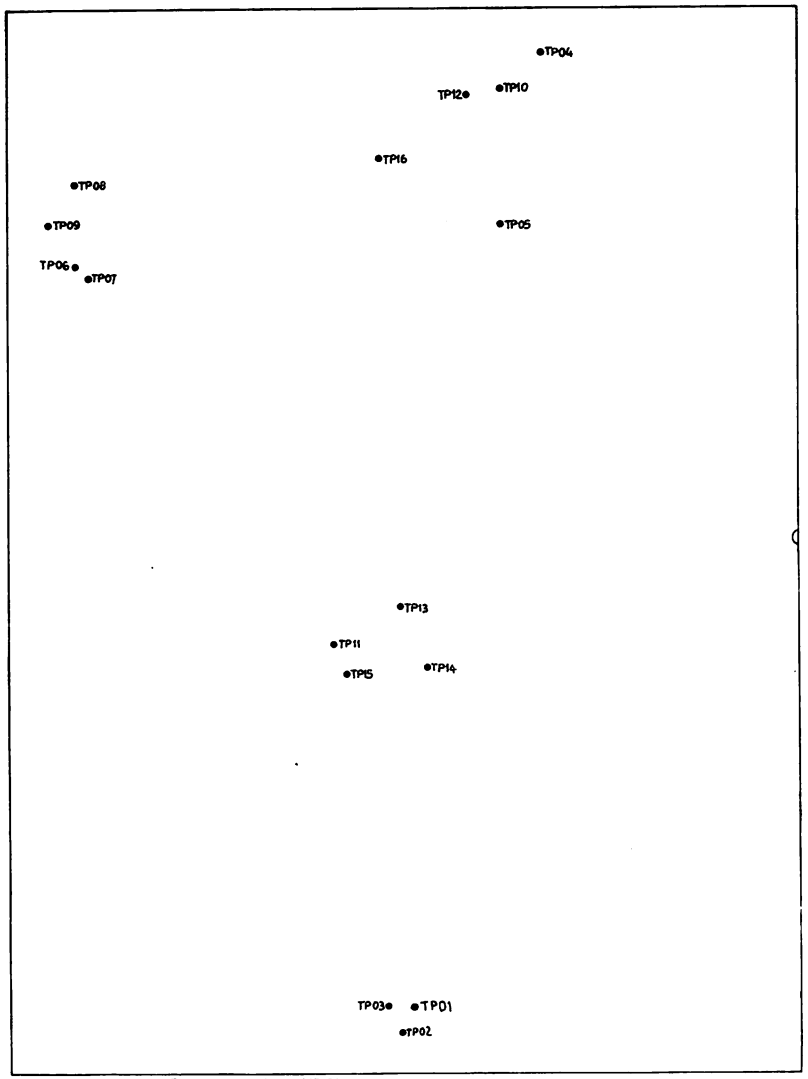
Δ1. TAGLIARE IL PIN N° 1

NOTE:

PWA AFF-ED

Honeywell

F.TO	DISEGNO	PAG.	REV
B	78122656	2	BA



PWA AFF FOGLIO TP LATO SALDATURA

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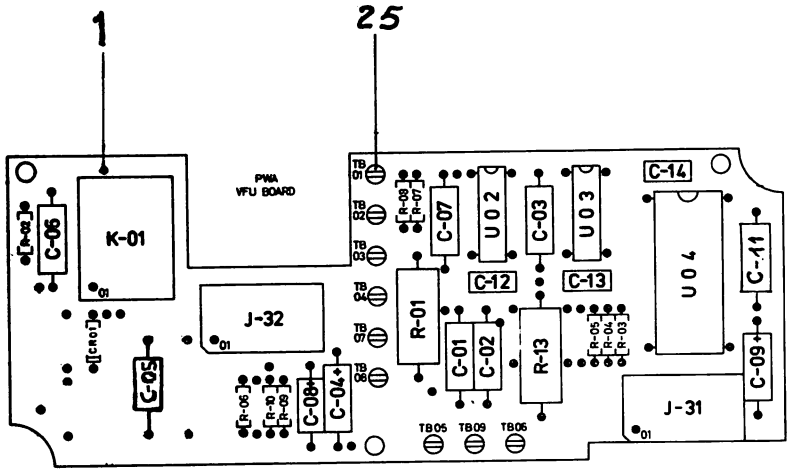
PWA AFF - ED

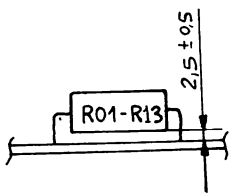
Honeywell

F.TO	DISEGNO	PAG.	REV
B	78122656	3/F	AA

B78117219

REVISIONI				
REV.	NUMERO C.O.	DATA A	DATA M	DATA G	FIRMA





SEMICONDUTTORI SEMICONDUCTORS	
SIMBOLO SYMBOL	RIF.
U-04	2
U-03	3
U-02	4
CR01	20

CONDENSATORI CAPACITORS	
SIMBOLO SYMBOL	RIF.
R-01-R-13	6
R-02	7
R-03-R-04-R-05	8
R-06-R-07-R-08	9
R-10	9
R-09	13

RESISTORI RESISTORS	
SIMBOLO SYMBOL	RIF.
~~C-01-C-02-C-03~~-C-07	14
C-04-C-09	15
C-08	16
C-06 ~~C-05~~ C11	17
C-12	19
C-13-C-14	19

VARI OTHER COMPONENTS	
SIMBOLO SYMBOL	RIF.
K-01	22
J-31-J-32	23

RIF. SPEC. N°	

FOR DOCUMENT STATUS SEE REVISION STATUS SHEET.

PER IL LIVELLO DI MODIFICA VEDI FOGLIO REVISIONE

SALVO INDICAZIONE CONTRARIA
DIMENSIONI: MILLIMETRI / INCH
TOLLERANZE DIMENS. E DI FORMA VEDI:
QUOTE IN PROIEZIONE

SCALA | COD.

MAT.

TT.

FIN.

DISEGNATO 76-NOV. 23 Graziarra

APPROVATO

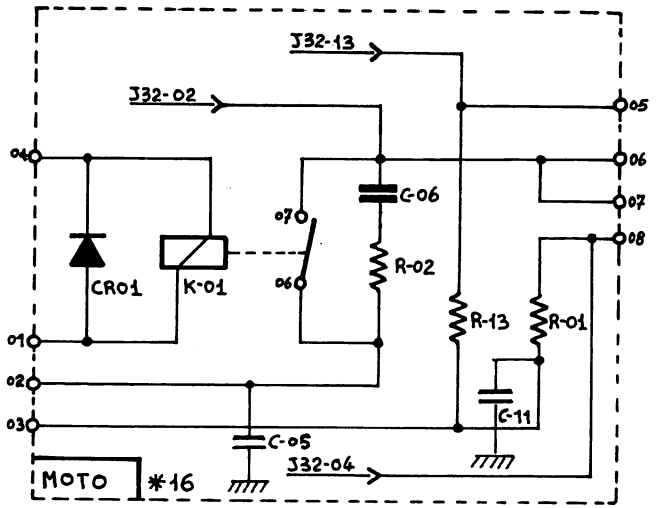
Honeywell
Honeywell Information Systems Italia
LOC. PREGNANA MILANESE, ITALIA

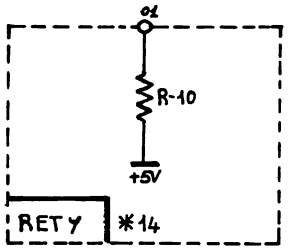
DESCRIZIONE
PWA VFU

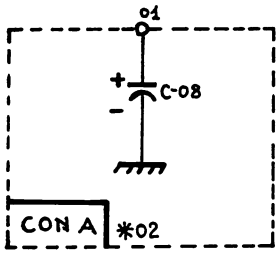
F.TO	DISEGNO	PAG.	REV.
B	78117219	3	DA

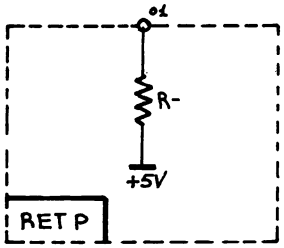
002

COD. 3896104 G
REV. LUGLIO 1972









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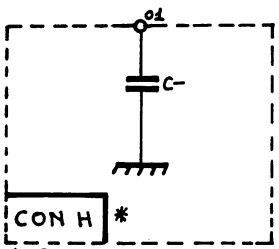

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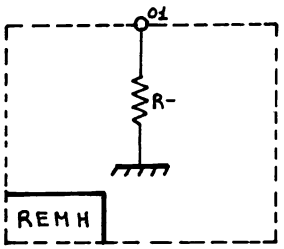
*06 = C-07



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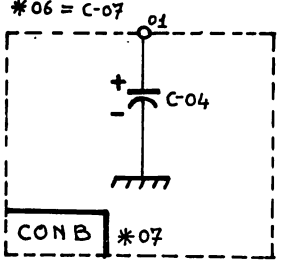
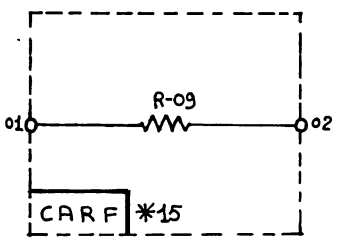
*10 = R-08



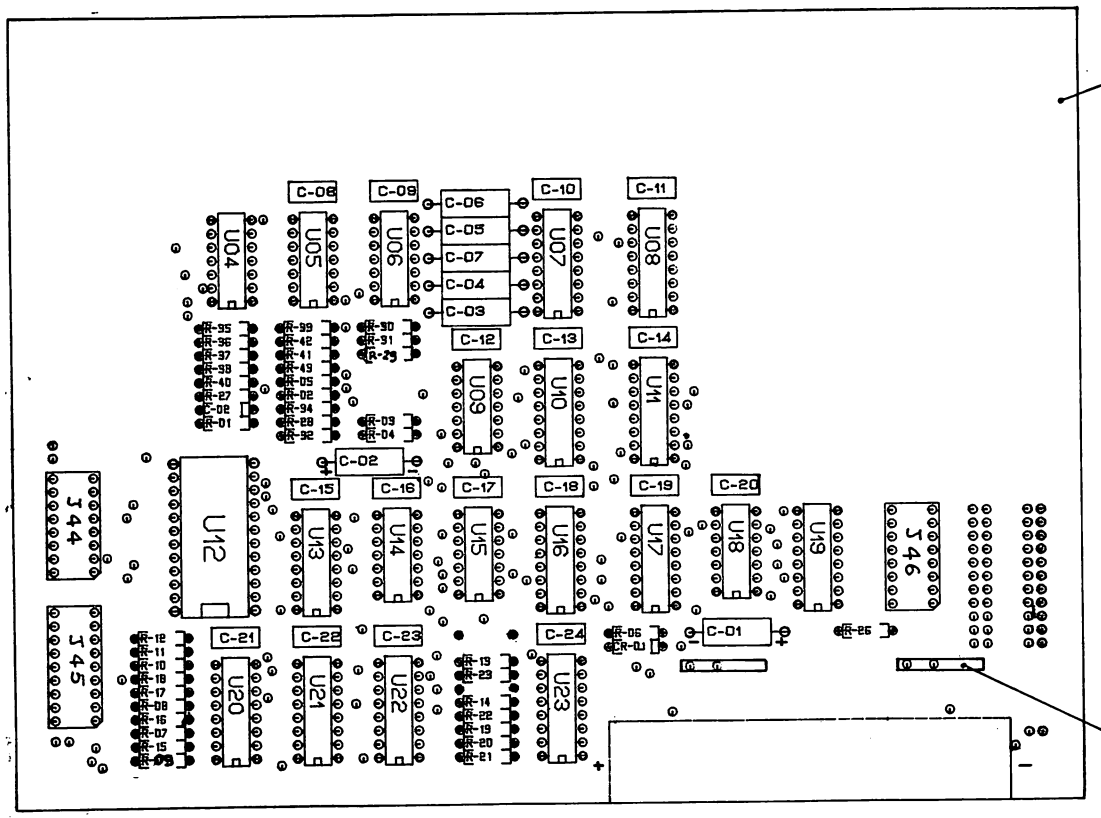


002

PWA VFU

Honeywell

F.TO	DISEGNO	PAG.	REV
B	78117219	4/F	DA



CONNETTORI PWA SFU

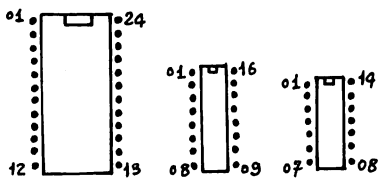
CONNECTOR PWA SFU

J44 (DRIVE)

PIN	SIGNAL	FUNCTION
1	DBR1 *1	DATA BUS
2	DBR3 *1	" "
3	PRO *00	VFU INT.
4	DBRO *1	DATA BUS
5	DBR6 *1	DATA BUS
6	DBR2 *1	DATA BUS
7	DBR4 *1	DATA BUS
8	DBR5 *1	DATA BUS
9	+5V	
10	+19V	
11	DSO6I *0	SELECTION SIGN.
12	DBR7 *1	DATA BUS
13	IMPPA *01	MOTOR PAR. PULSE
14	RESET *0	RESET
15	ZERΦD *0	
16		

J45 (SWITCH)

PIN	SIGNAL	FUNCTION
1	FL10 *0	FORMAT LENGTH
2	FL11 *0	FORMAT LENGTH
3	FL12 *0	FORMAT LENGTH
4	FL13 *0	FORMAT LENGTH
5	FL20 *0	FORMAT LENGTH
6	FL21 *0	FORMAT LENGTH
7	FL22 *0	FORMAT LENGTH
8	FL23 *0	FORMAT LENGTH
9	GND	
10	GND	
11	VT23 *0	VERTICAL TABULATION
12	VT22 *0	VERTICAL TABULATION
13	VT21 *0	VERTICAL TABULATION
14	VT20 *0	VERTICAL TABULATION
15	VT13 *0	VERTICAL TABULATION
16	VT12 *0	VERTICAL TABULATION
17	VT11 *0	VERTICAL TABULATION
18	VT10 *0	VERTICAL TABULATION



002 001

PWA-SFU

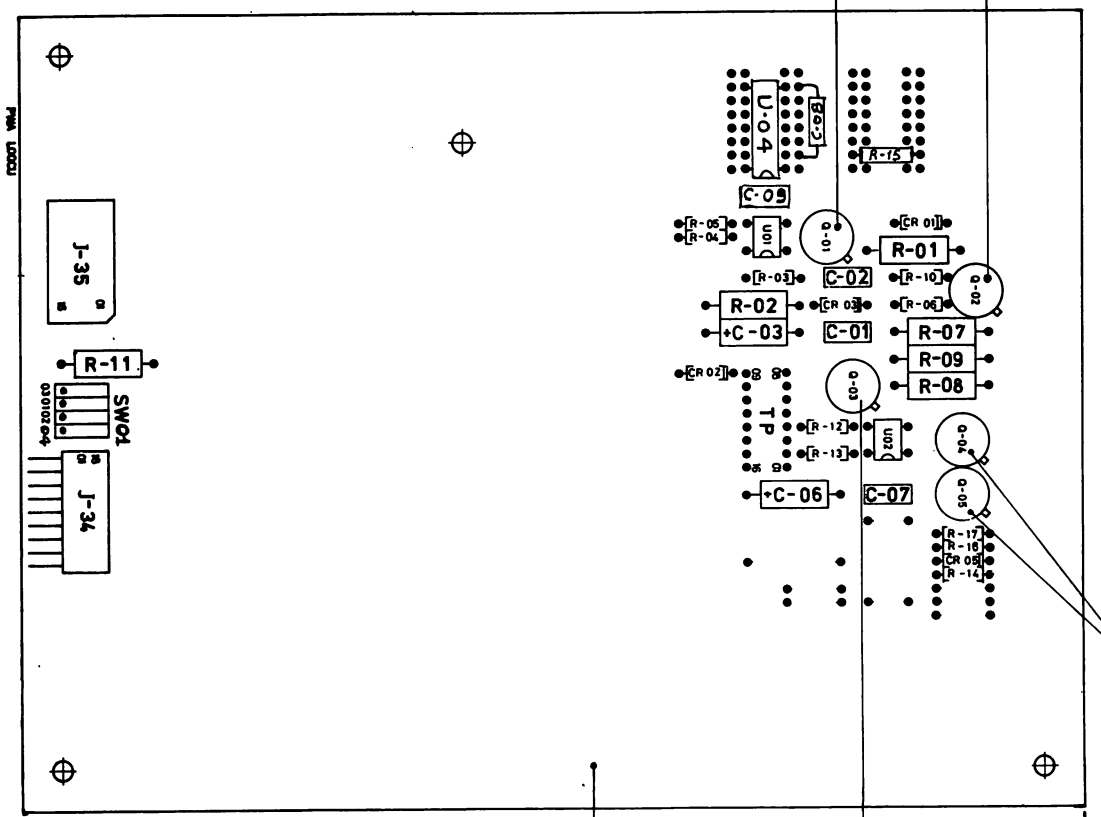
Honeywell

F.TO	DISEGNO	PAG.	REV
B	78121028	2/F	BA

COD. 3897703 B
REV. LUGLIO 1974

B 78118448

REVISIONI			
REV	NUMERO C O	DATA A M G	FIRMA



STRAPPING

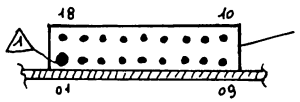
S-01 ÷ S-04

SEMICONDUTTORI SEMICONDUCTORS	
SIMBOLO SYMBOL	RIF.
Q-01 Q-02	19
Q-03 Q-04 Q-05	20
U01 U02	21
U04	31
CR01 CR02 CR05	23
CR03	24

CONDENSATORI CAPACITORS	
SIMBOLO SYMBOL	RIF.
C-06 C-03	16
C-07 C-01 C-02	17
C-09	17
C-08	32

RESISTORI RESISTORS	
SIMBOLO SYMBOL	RIF.
R-01 R-11 - R-02	2
R-03	3
R-04	33
R-05 R-13	34
R-12	35
R-08	7
R-14	8
R-06	9
R-10	36
R-07	37
R-09	12
R-16	13
R-17	14
R-15	30

VARI OTHER COMPONENTS	
SIMBOLO SYMBOL	RIF.
J-34	25
J-35	26
S-01 S-02	27
S-03 S-04	27



INACTIV
DO NOT USE ON NEW DESIGN

INATTIVO
NON UTILIZZARE PER NUOVI

Δ1_CUT THE PIN 01

NOTES:

FOR DOCUMENT STATUS SEE REVISION STATUS SHEET

Δ1_TAGLIARE IL PIN 01

NOTE:

PER IL LIVELLO DI MODIFICA VEDI FOGLIO REVISIONI

LOOCU BOARD-SWITCH SETTING

THIS INSTRUCTIONS ARE USEFUL FOR ALL LCSP HOS MODELS (SARA-ROSY24-ROSY26)	S01 03	S01 01	S01 02
INTERFACE CURRENT PROVIDED BY EXTERNAL SOURCE	OFF	ON	OFF
INTERFACE CURRENT PROVIDED BY LOOCU BOARD	ON	OFF	ON

ON OFF

002

RIF. SPEC. N°	

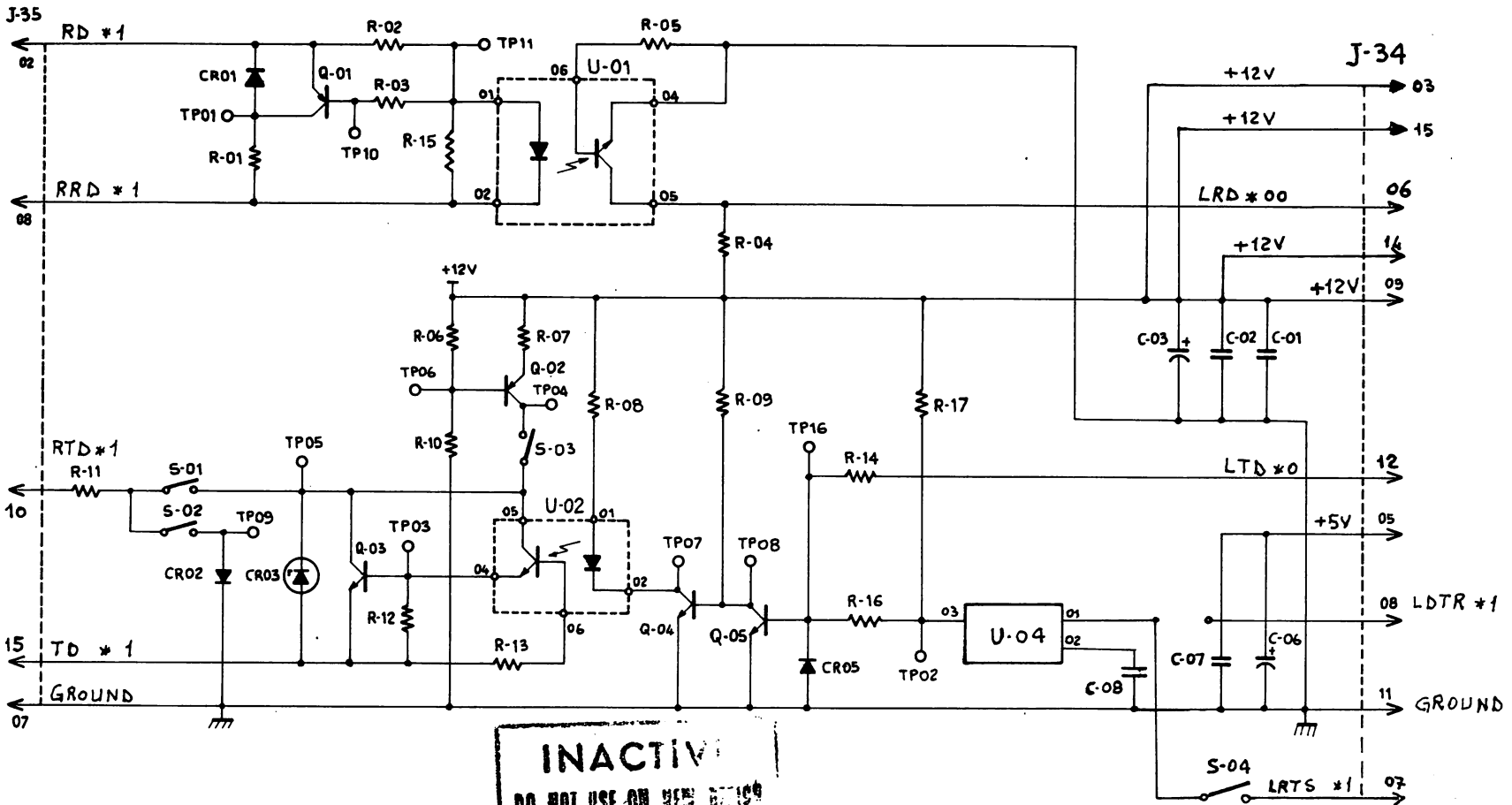
SALVO INDICAZIONE CONTRARIA
DIMENSIONI: MILLIMETRI / INCH
TOLLERANZE DIMENS. E DI FORMA VEDI:
QUOTE IN
PROIEZIONE
SCALA 1:1
COD.
MAT.
T°.
FIN.
DISEGNATO 76 OTT. 19 Cecchini Sebastiano
APPROVATO

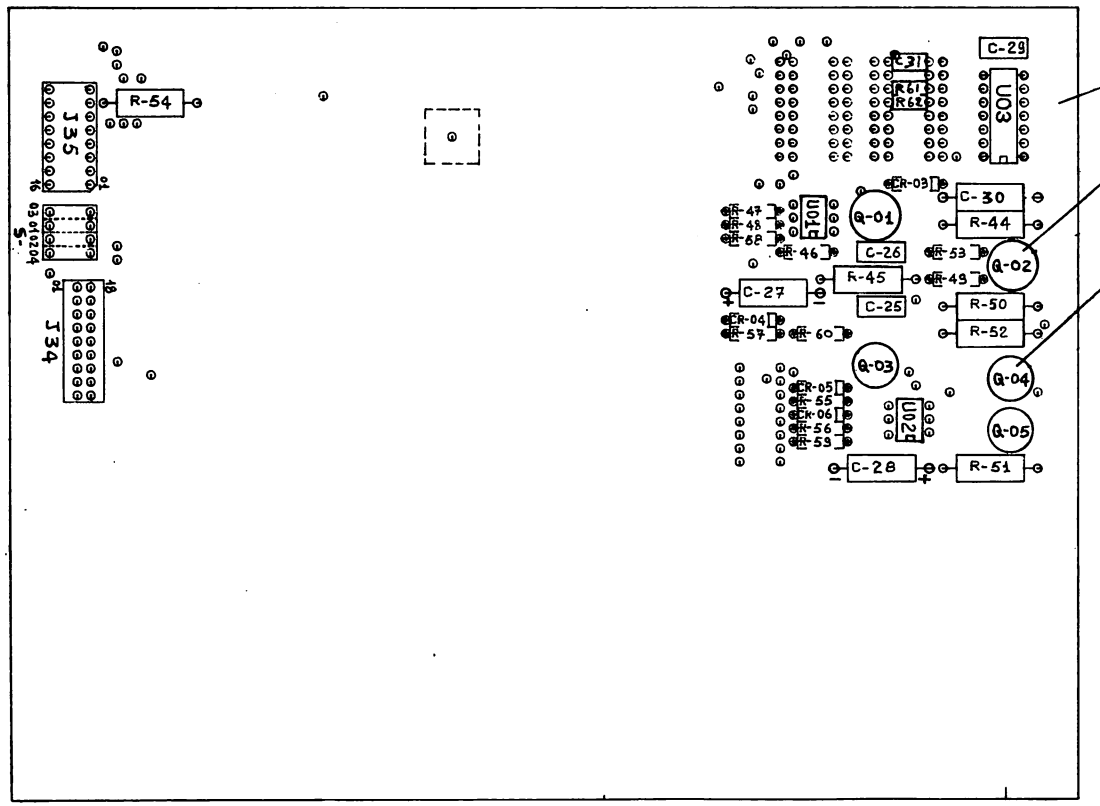
Honeywell
Honeywell Information Systems Italia
LOC PREGNANA MILANESE ITALIA

DESCRIZIONE
PWA LØØCU

F.TO	DISEGNO	PAG.	REV.
B	78118448	3	CB

COD. 3896104 0
REV. LUGLIO 1972





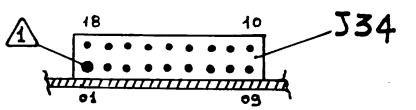
STRAPPING S-01÷S-04

CONNETTORI PWA LØØCU

CONNECTOR PWA LØØCU

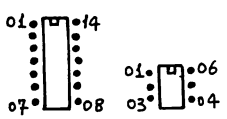
J34 (CPU)			
PIN	SIGNAL		FUNCTION
1			
2			
3	+12V		
4			
5	+5V		
6	LRD	*00	RECEIVED DATA
7	LRTS	*1	REQUEST TO SEND
8	LDTR	*1	DATA TERMINAL READY
9	+12V		
10			
11	ZERØO	*1	
12	LTD	*0	TRANSMITTED DATA
13			
14	+12V		
15	+12V		
16			
17			
18			

J35 (MOD. INTER)			
PIN	SIGNAL		FUNCTION
1			
2	RD	*1	RECEIVED DATA
3			
4			
5			
6			
7	ZERØO	*1	
8	RRD	*1	RECEIVED DATA RETURN
9			
10	RTD	*1	TRANSMITTED DATA RETURN
11			
12			
13			
14			
15	TD	*1	TRANSMITTED DATA
16			



LØØCU BOARD-SWITCH SETTING

THIS INSTRUCTTIONS ARE USE EUL FOR ALL LCSP MOS MODELS (SARA-ROSY24- ROSY26)	S 03	S 01	S 02	S 04
INTERFACE CURRENT PROVIDED BY EXTERNAL SOURCE	OFF	ON	OFF	ON
INTERFACE CURRENT PROVIDED BY LØØCU BOARD	ON	OFF	ON	ON



004 003 002 001

Δ1_CUT THE PIN 01

NOTES:

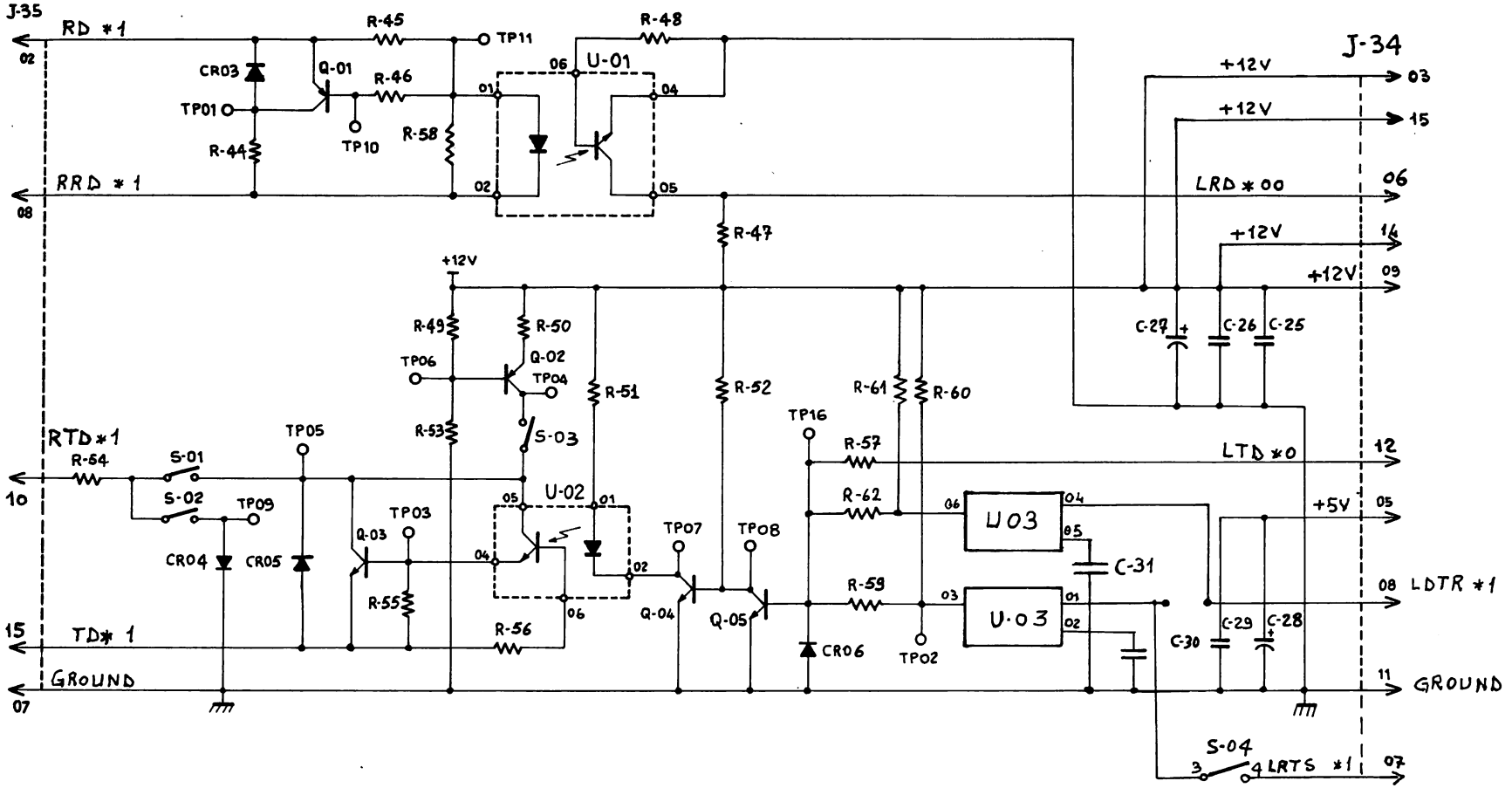
Δ1-TAGLIARE IL PIN 01

NOTE:

PWA-LØØCU

Honeywell

F.TO	DISEGNO	PAG.	REV
B	78121029	2	FA



004 ~~003~~ ~~002~~ ~~001~~

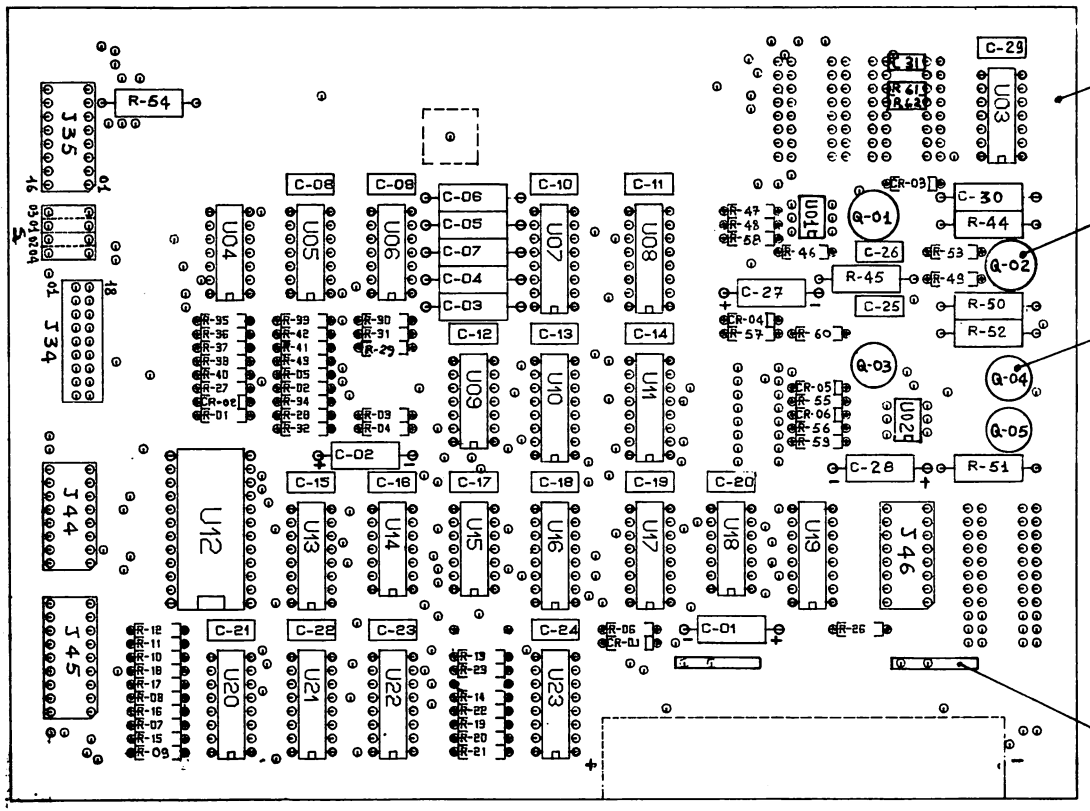
PWA-LØØCU

Honeywell

F.TO	DISEGNO	PAG.	REV
B	78121029	3/F	FA

COD. 36971 - 8
REV. LUGLIO 1972

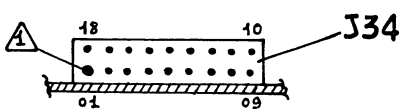
B78120683

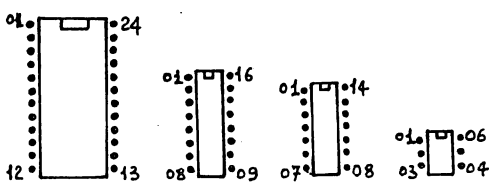


STRAPPING S-01÷S-04

LOOCU BOARD - SWITCH SETTING

THIS INSTRUCTIONS ARE USEFUL FOR ALL LCSP MOS MODELS (SARA-ROSY24-ROSY26)	S 03	S 01	S 02	S 04
INTERFACE CURRENT PROVIDED BY EXTERNAL SOURCE	OFF	ON	OFF	ON
INTERFACE CURRENT PROVIDED BY LØØCU BOARD	ON	OFF	ON	ON





006 005 004 003 002 001

Δ1_ CUT THE PIN 01
NOTES:

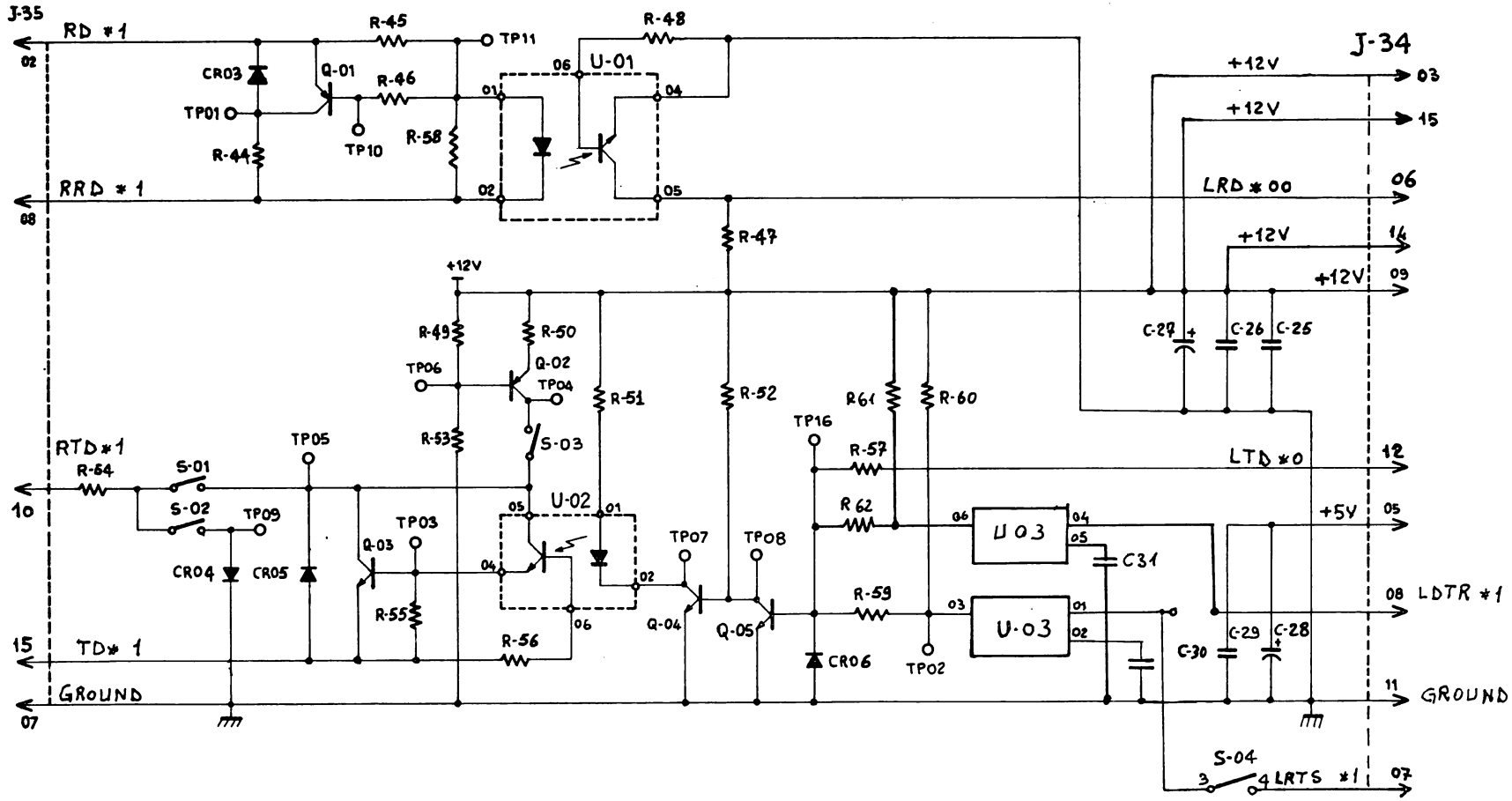
Δ1-TAGLIARE IL PIN 01
NOTE:

PWA-LØSFU

Honeywell

F.TO	DISEGNO	PAG.	REV
B	78120683	2	GA

B 78120683



006 004 001
005 003 002

PWA-LØSFU (PWA LØØCU)

Honeywell

F.TO	DISEGNO	PAG.	REV
B	78120683	3	GA

COD. 3897703 B
REV. LUGLIO 1972

CONNETTORI PWA LØSFU
CONNECTOR PWA LØSFU

J34 (CPU)

PIN	SIGNAL		FUNCTION
1			
2			
3	+12V		
4			
5	+5V		
6	LRD	*00	RECEIVED DATA
7	LRTS	*1	REQUESTTO SEND
8	LDTR	*1	DATA TERMINAL READY
9	+12V		
10			
11	ZERØO	*1	
12	LTD	*0	TRANS
13			
14	+12V		
15	+12V		
16			
17			
18			

J35 (MOD. INTER.)

PIN	SIGNAL		FUNCTION
1			
2	RD	*1	RECEIVED DATA
3			
4			
5			
6			
7	ZERØO	*1	
8	RRD	*1	RECEIVED DATA RETURN
9			
10	RTD	*1	TRANSMITTED DATA RETURN
11			
12			
13			
14			
15	TD	*1	TRANSMITTED DATA
16			

J44 (DRIVE)

PIN	SIGNAL		FUNCTION
1	DBR1	*1	DATA BUS
2	DBR3	*1	" "
3	PRO	*00	VFU INT.
4	DBRO	*1	DATA BUS
5	DBR6	*1	DATA BUS
6	DBR2	*1	DATA BUS
7	DBR4	*1	DATA BUS
8	DBR5	*1	DATA BUS
9	+5V		
10	+19V		
11	DSO6I	*0	SELECTION SIGN. DATA BUS
12	DBR7	*1	DATA BUS
13	IMPPA	*01	MOTOR PAP. PULSE
14	RESET	*0	RESET
15	ZERØO	*0	
16	DSE8Ø	*0	SELECTION SIGNAL

J45 (SWITCH)

PIN	SIGNAL		FUNCTION
1	FL10	*0	FORMAT LENGTH
2	FL11	*0	FORMAT LENGTH
3	FL12	*0	FORMAT LENGTH
4	FL13	*0	FORMAT LENGTH
5	FL20	*0	FORMAT LENGTH
6	FL21	*0	FORMAT LENGTH
7	FL22	*0	FORMAT LENGTH
8	FL23	*0	FORMAT LENGTH
9	GND		
10	GND		
11	VT23	*0	VERTICAL TABULATION
12	VT22	*0	VERTICAL TABULATION
13	VT21	*0	VERTICAL TABULATION
14	VT20	*0	VERTICAL TABULATION
15	VT13	*0	VERTICAL TABULATION
16	VT12	*0	VERTICAL TABULATION
17	VT11	*0	VERTICAL TABULATION
18	VT10	*0	VERTICAL TABULATION

006 004 001
005 003 002

PWA -LØSFU

Honeywell

F.TO	DISEGNO	PAG.	REV
B	78120683	4/F	4A

B 78121582

REVISIONI					
REV.	NUMERO C.O.	DATA A	DATA M	DATA G	FIRMA

J-50 ASYNC. (CPU)		
PIN	SIGNAL	FUNCTION
1		
2	-12V	
3	LRD *0	RECEVEID DATA
4	LCALT *1	CALLING INDICATOR
5	LSTD *0	SECONDARY TX DATA
6	LSCTS *10	SECOND. CLEAR TO SEND
7	LSRTS *1	SECOND. REQUE. TO SEND
8	LDTR *1	DATA TERMIN. READY
9	LRTS *1	REQUEST TO SEND
10	LDSR *1	DATA SET READY
11	STD *1	TRANSM. DATA
12	GROUND	
13		
14	+12V	
15	DASTC *1	DATA STREAM CONTROL
16	LCTS *1	CLEAR TO SEND
17	LRELI *1	RECEVEID LINE
18	CHIAVE	

J-48 ASYNC. (MODEM INTERF.)		
PIN	SIGNAL	FUNCTION
1	-12V	
2	LRD *00	RECEIVED DATA
3	LCALI *1	CALLING INDICAT.
4	LSTD *0	SECOND. TX DATA
5	LSCTS *10	" CLEAR TO SE.
6	LSRTS *1	" REQUEST "
7	LDTR *1	DATA TERM. READ
8	LRTS *1	REQUEST TO SEND.
9	LDSR *1	DATA SET READY
10	LTD *1	TRANSMITT. DATA
11	GROUND	
12	LSRD *00	SECOND. RX DATA
13	+12V	
14	DASTC *1	DATA STREAM. CONT.
15	LCTS *10	CLEAR TO SEND
16	LRELI *1	RECEIVED LINE SIGNAL DETECTOR

J-49 SYNC. (CPU)		
PIN	SIGNAL	FUNCTION
1		
2	-12V	
3	LRELI *1	RECEIVED LINE
4	SSTBY *1	TRASM. CLOCK/STAND BY
5		
6	LRD *0	RECEIVED DATA
7	LRTS *1	REQUEST TO SEND
8	LDTR *1	DATA TERMIN. READY
9	+12V	
10	LTRXC *1	RECEIVER CLOCK
11	GROUND	
12	LTD *0	TRASMITTED DATA
13	LDARA *1	DATA RATE SELECTOR
14	LCTS *1	CLEAR TO SEND
15	LDSR *1	DATA SET READY
16	LTXC *1	TRASM. ELEM. TIMING
17	LRXC *1	RECEIV. ELEM. TIMING
18	CHIAVE	

J-39 SYNC. (MODEM INTERF.)		
PIN	SIGNAL	FUNCTION
1	-12V	
2	LRELI *1	RECEIVED LINE SIGNAL DETECTOR
3	SSTBY *110	SELECT STAND BY
4		
5	LRD *00	RECEIVED DATA
6	LRTS *1	REQUEST TO SEND
7	LDTR *1	DATA TERMINAL READY
8	+12V	
9	LTRXC *1	TX CLOCK
10	GROUND	
11	LTD *0	TRANSMITT. DATA
12	LDARA *1	DATA RATE SELE.
13	LCTS *10	CLEAR TO SEND.
14	LDSR *1	DATA SET READY
15	LTXC *10	TX CLOCK
16	LRXC *10	RX CLOCK

J-38 (POWER SUPPLY)		
PIN	SIGNAL	FUNCTION
1	-19V	
2	+8.5V	

SEMICONDUTTORI SEMICONDUCTORS	
SIMBOLO SYMBOL	RIF.
U-08 U-04	2
U-07 U-06 U-05 U-03	3
U-02 U-01	3
Q-01	4
Q-02	5
Q-03 Q-08 Q-09	6
Q-04 Q-05 Q-06	7
Q-07 Q-10	8
CR04 CR05 CR07 CR08	9
CR09 CR10 CR11	9
VR01 VR03	10
VR02	11

CONDENSATORI CAPACITORS	
SIMBOLO SYMBOL	RIF.
C-01 C-08	12
C-02 C-04 C-06 C-10	13
C-14 C-16 C-20	13
C-22 C-23 C-25	13
C-03 C-15 C-17	14
C-05 C-07 C-09 C-12	15
C-13	16

RESISTORI RESISTORS	
SIMBOLO SYMBOL	RIF.
R-01 R-02	17
R-03	18
R-04 R-05	19
R-06 R-07 R-08 R-13	20
R-16 R-22	20
R-09	21
R-10	22
R-11	23
R-12	24
R-14 R-15	25
R-17	26
R-18	27
R-19 R-25	28
R-20 R-23	29
R-21 R-24	30

VARI OTHERS	
SIMBOLO SYMBOL	RIF.
S-01 ÷ S-04	31
J-49 J-50	32
J-39 J-48	33
J-38	34

RIF. SPEC. N°

001

FOR DOCUMENT STATUS SEE REVISION STATUS SHEET

PER IL LIVELLO DI MODIFICA VEDI FOGLIO REVISIONI

SALVO INDICAZIONE CONTRARIA
DIMENSIONI: MILLIMETRI / INCH
TOLLERANZE DIMENS. E DI FORMA VEDI:
QUOTE IN:
PROIEZIONE

SCALA | COD.

MAT.
TT.
FIN.
DISEGNATO 78-6-1 E.GUALANO
APPROVATO

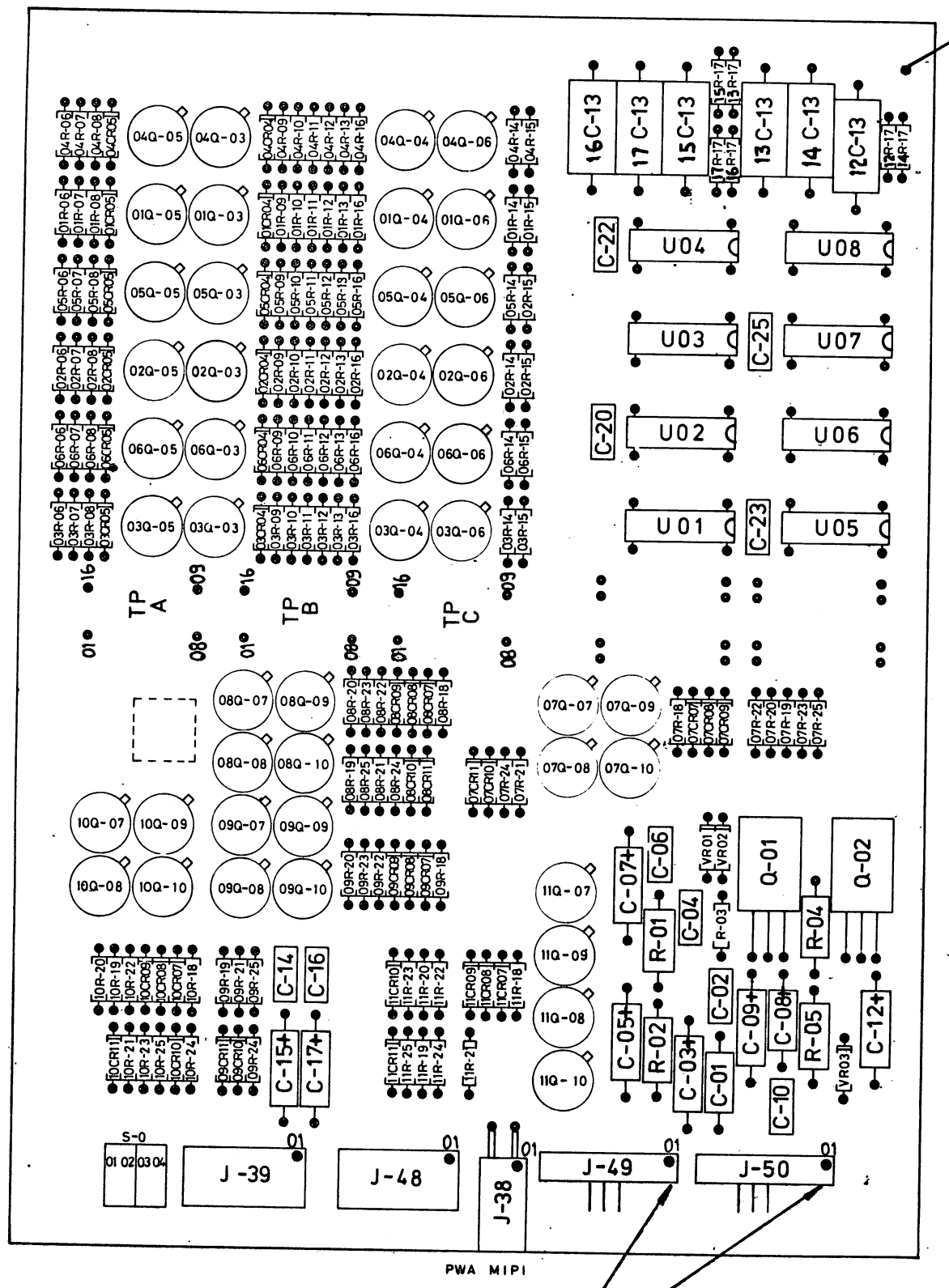
Honeywell
Honeywell Information Systems Italia
LOC. PREGNANA MILANESE, ITALIA

DESCRIZIONE
PWA MIPI

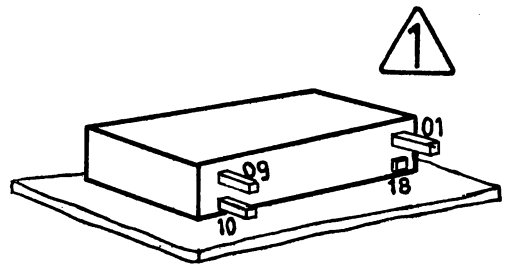
F.TO	DISEGNO	PAG.	REV.
B	78121582	1/3	AA

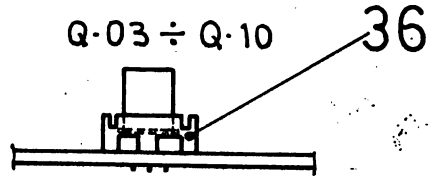
COD. 3896104 Q
REV. LUGLIO 1972

B78121582



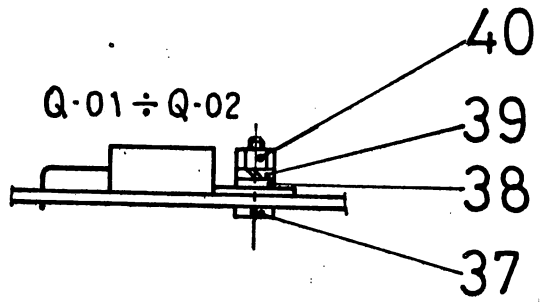
PWA MIPI

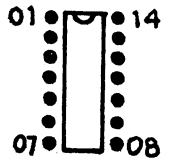




PWA MIPI SWITCH SETTING

	S-01	S-02	S-03	S-04
LOCAL CLOCK CONN.	ON	ON	OFF	OFF
REMOTE CLOCK CON	OFF	OFF	ON	ON





Δ1. CUT PIN # 18

Δ1. TAGLIARE PIN N° 18

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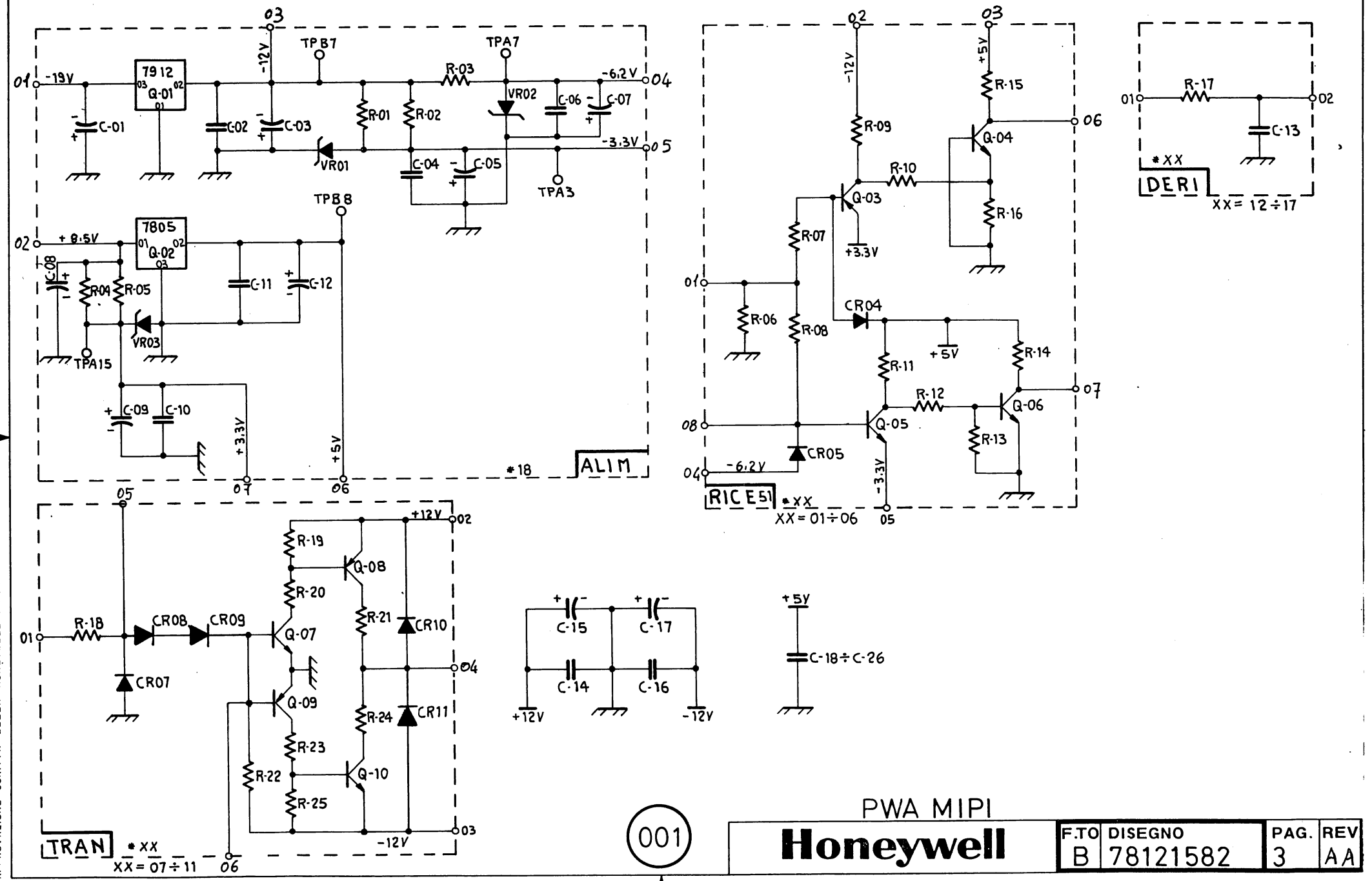
Honeywell

F.TO	DISEGNO	PAG.	REV
B	78121582	2	AA

COD. 3897703 B
REV. LUGLIO 1972



CC 35477 3 B
REV. LUGLIO 1972

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PWA MIPI

Honeywell

F.TO	DISEGNO	PAG.	REV
B	78121582	3	AA

B 78120049

REVISIONI

REV.	NUMERO C.O.	DATA A M G	FIRMA

J-40 DRIVE

PIN	SIGNAL	FUNCTION
1	KEY	
2	DBR1 * 1	
3	DBR3 * 1	
4	PRO * 00	
5	DBR0 * 1	
6	DBR6 * 1	
7	DBR2 * 1	
8	DBR4 * 1	
9	DBR5 * 1	
10	+5V	
11	+19V	
12	DS06 I * 0	
13	DBR7 * 1	
14	IMPPA * 01	
15	RESET * 0	
16	ZERØ * 1	
17	DSE8Ø * 0	
18	COHC * 1	TEST POINT

J-41 (CPU)

PIN	SIGNAL	FUNCTION
1	KEY	
2	-12V	
3	LRD * 00	
4	LCALI * 1	
5	LSTD * 0	
6	LSCTS * 10	
7	LSRTS * 1	
8	LDTR * 1	
9	LRTS * 1	
10	LDSR * 1	
11	LTD * 0	
12	GROUND	
13	LSRD * 00	
14	+12V	
15	DASTC * 1	
16	LCTS * 10	CONT.
17	LRELI * 1	
18	RD02 * 1	TEST POINT

J-42 CAVO (2ND) INT. DCL

PIN	SIGNAL	FUNCTION
1	RDC11 * 1	
2	RDC12 * 1	
3	RDC22 * 1	
4	RDC21 * 1	
5	DCL11 * 1	
6	CØLL2 * 000	TEST POINT
7	RD06 * 1	
8	ZERØ0 * 1	
9	DRESE * 01	
10	DREQ * 0	
11	MR2 * 1	
12	RD07 * 1	
13	RD03 * 1	
14	DCL12 * 1	
15	DCL21 * 1	
16	DCL22 * 1	
17	ZERØ0 * 1	
18	KEY	

J-43 CAVO BASE INT. DCL

PIN	SIGNAL	FUNCTION
1	RDC11 * 1	
2	RDC12 * 1	
3	RDC22 * 1	
4	RDC21 * 1	
5	DCL11 * 1	
6	RD05 * 1	TEST POINT
7	RD01 * 1	
8	ZERØ0 * 1	
9	PAER * 1	
10	DATAV * 1	
11	CØLL1 * 100	
12	RD04 * 1	
13	RD08 * 1	
14	DCL12 * 1	
15	DCL21 * 1	
16	DCL22 * 1	
17	ZERØ0 * 1	
18	KEY	

SEMICONDUTTORI SEMICONDUCTORS

SIMBOLO SYMBOL	RIF
U-09	2
U-08 U-05 U-03 U-10	3
U-11 U-12 U-19	4
U-04 U-14	5
U-13	6
U-15	7
U-18	8
U-16	9
U-20	10
U-17	11
U-01	12
U-07	13
U-06	14
U-02	15
VR01 ÷ VR04	16

CONDENSATORI CAPACITORS

SIMBOLO SYMBOL	RIF.
C-01 ÷ C-04 C-37	17
C-05 C-10 C-11	18
C-06 C-38 C-39 C-40	19
C-07 C-41 C-42	20
C-08 C-09	21
C-12 ÷ C-15 C-35	22
C-16 ÷ C-27	23
C-29 ÷ C-34 C-36	23
C-28	24

RESISTORI RESISTORS

SIMBOLO SYMBOL	RIF.
R-02	25
	26
R-03	27
R-04	28
R-05 R-09 R-07	29
R-06 R-08	30
R-10	31
R-01	37

VARI OTHERS

SIMBOLO SYMBOL	RIF.
J-40 ÷ J-43	32
Y-01	33
So1 - So2	35

△3. CUT PIN # 1
△2. CUT PIN # 18
△1. CUT PIN # 1

△3. TAGLIARE PIN 1
△2. TAGLIARE PIN 18
△1. TAGLIARE PIN 1

FOR DOCUMENT STATUS SEE REVISION STATUS SHEET

PER IL LIVELLO DI MODIFICA VEDI FOGLIO REVISIONE

002 001

RIF. SPEC. N°

SALVO INDICAZIONE CONTRARIA
DIMENSIONI: MILLIMETRI / INCH
TOLLERANZE DIMENS. E DI FORMA VEDI:
QUOTE IN PROIEZIONE
SCALA | COD.

MAT.
TT.
FIN.
DISEGNATO 78 - APR - 26 E. GUALANO
APPROVATO

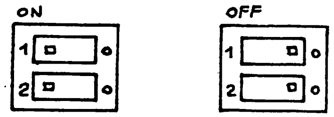
Honeywell
Honeywell Information Systems Italia
LOC. PREGNANA MILANESE, ITALIA

DESCRIZIONE
PWA DCL

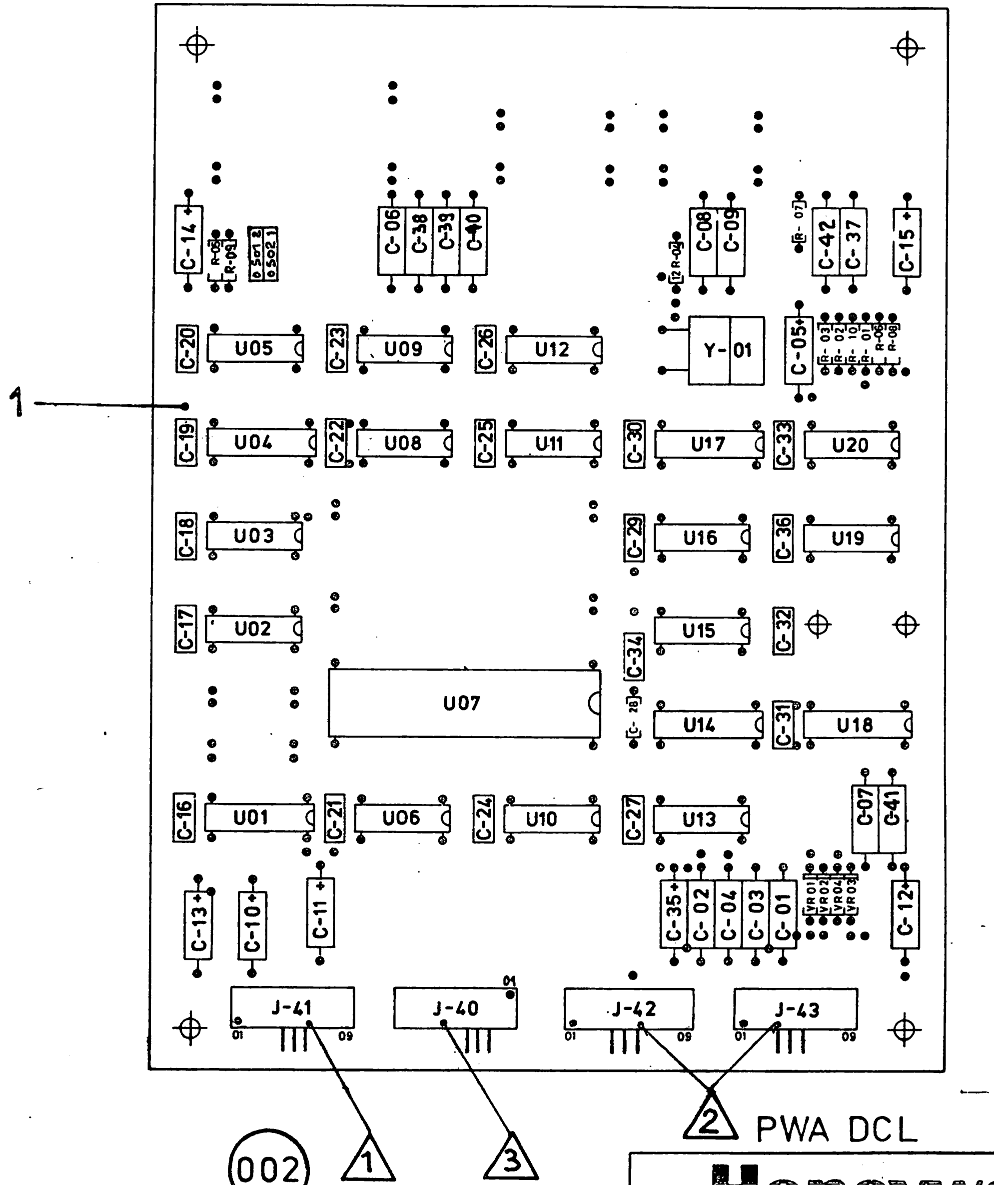
F.TO	DISEGNO	PAG.	REV.
B	78120049	1/3	cA

COD. 3896104 Q
REV. LUGLIO 1972

STRAPPING OPTIONS

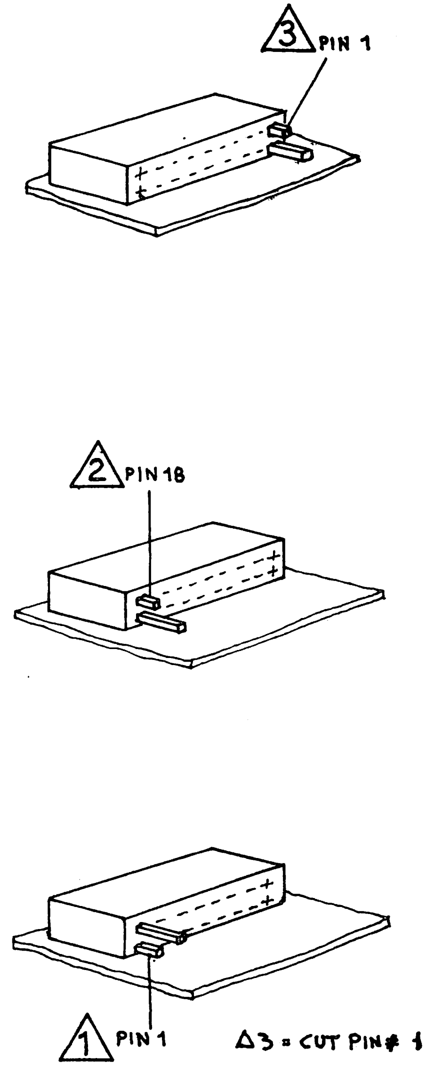


SWITCHETS SET		
MODELS	S01	S02
ROSY 21	ON	OFF
ROSY 82	OFF	ON

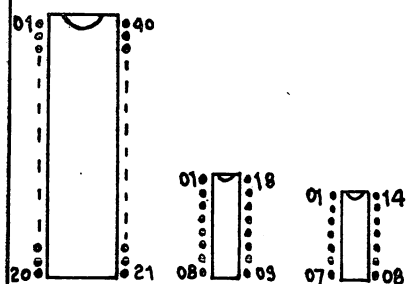


(002)

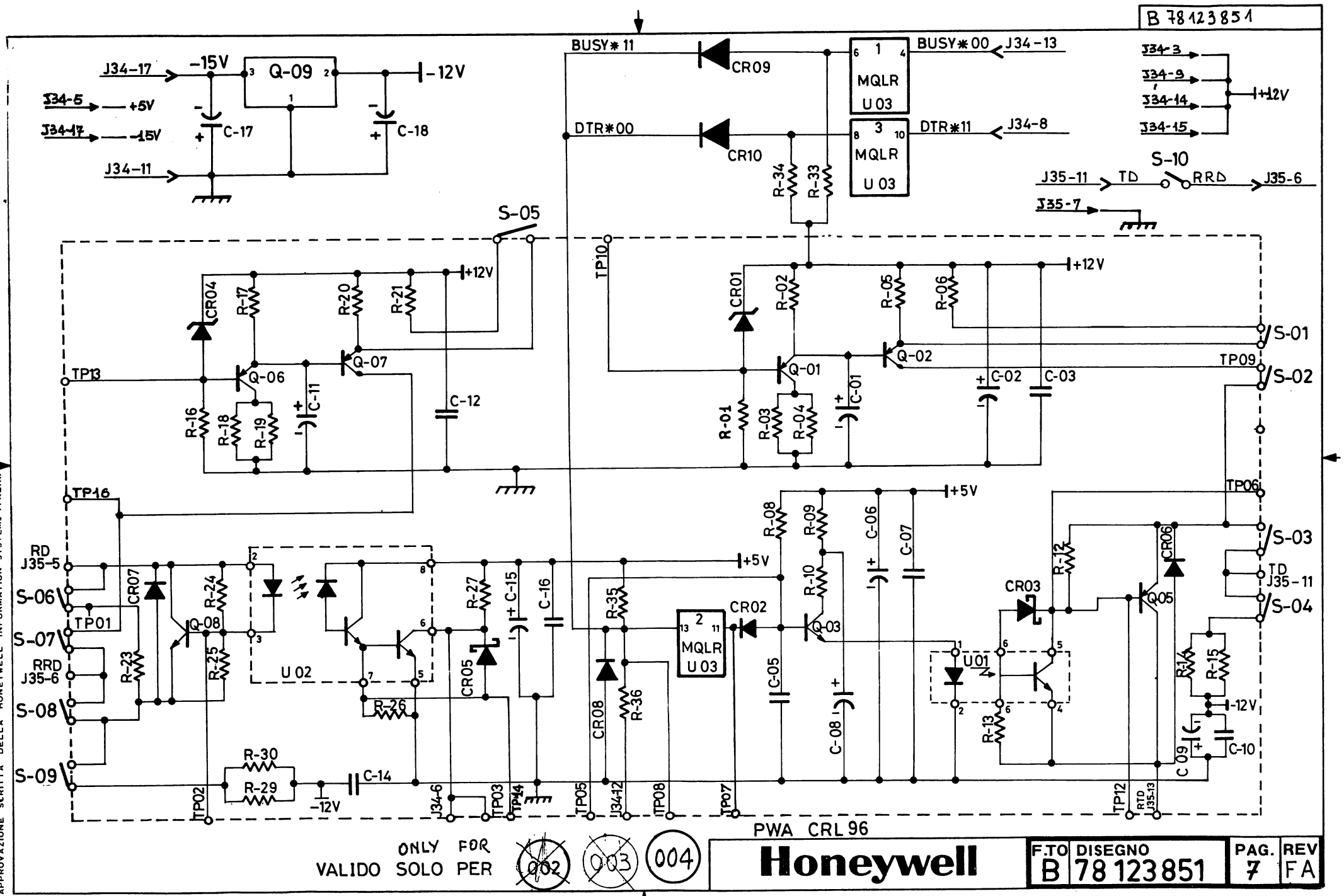
PWA DCL



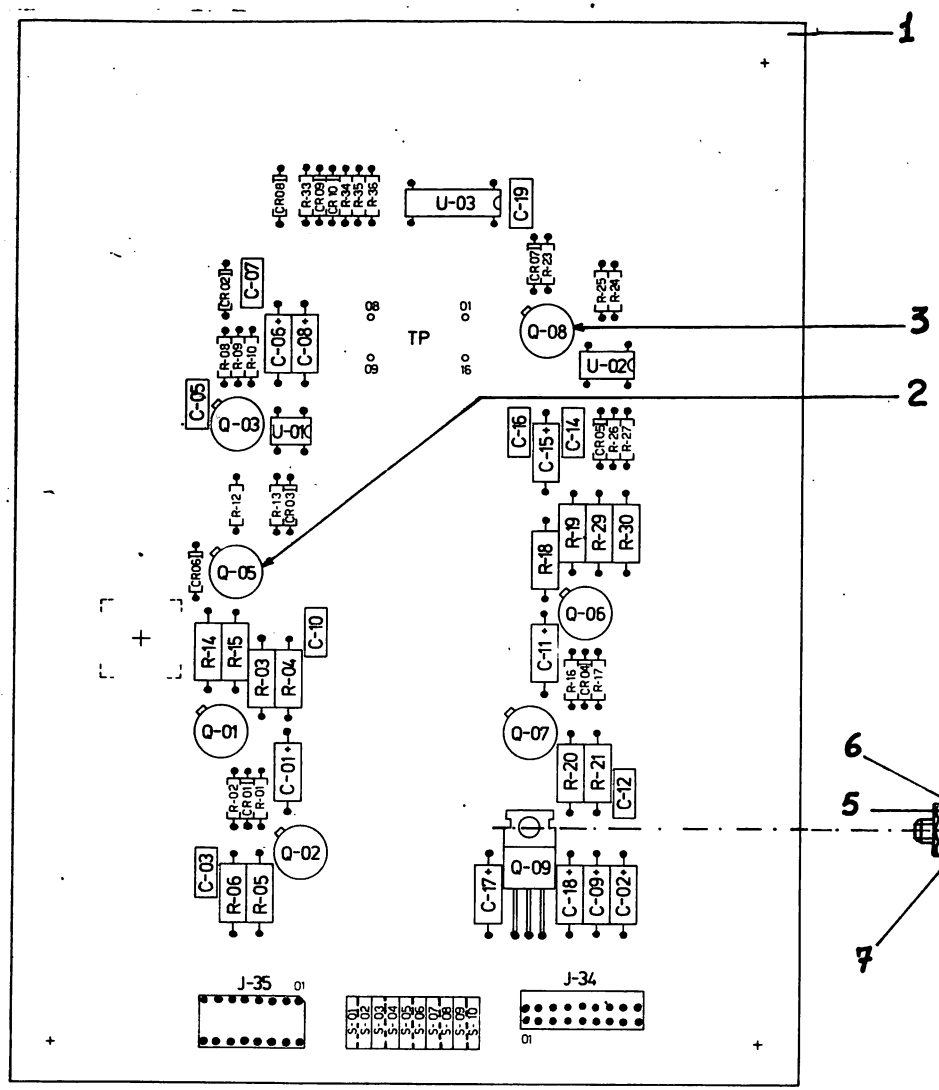
Δ3 = CUT PIN # 1
Δ2 = CUT PIN # 18
Δ1 = CUT PIN # 1



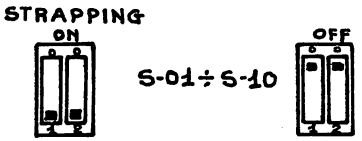
Honeywell	F.TO	DISEGNO	PAG.	REV
	B	78120049	3/F	DA



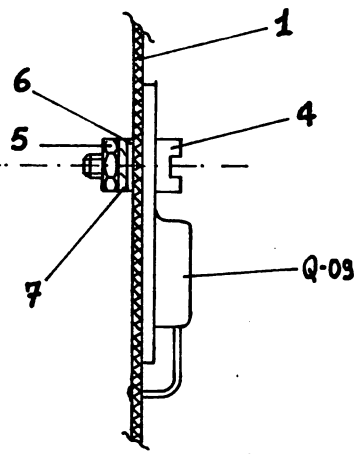
COD. 3897703 B
REV. LUGLIO 1972



PWA CRL 96

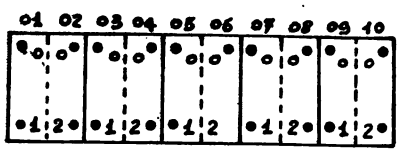


CRL 96 BOARD - SWITCH SETTING		
S-01	ON	MUST BE OFF
	OFF	
S-02	ON	ACTIVE
	OFF	PASSIVE
S-03	ON	PASSIVE
	OFF	ACTIVE
S-04	ON	ACTIVE
	OFF	PASSIVE
S-05	ON	MUST BE OFF
	OFF	
S-06	ON	MUST BE OFF
	OFF	
S-07	ON	ACTIVE
	OFF	PASSIVE
S-08	ON	PASSIVE
	OFF	ACTIVE
S-09	ON	ACTIVE
	OFF	PASSIVE
S-10	ON	OPT INCOTERM (GTWF 8413)
	OFF	" 4 FILI (GTWF 8416)

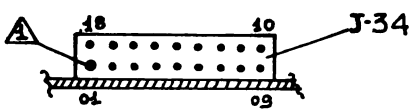


J34 (CP 28B)		
PIN	SIGNAL	FUNCTION
1		
2		
3	+12V	
4		
5	+5V	
6	OUT PUT	RECEIVED DATA
7		
8	DTR# "	DATA TERM. READY.
9	+12V	
10		
11	ZERO #1	
12	INPUT	TRASM. DATA
13	BUSY #00	BUSY SYNCR.
14	+12V	
15	+12V	
16		
17	-15V	
18		

J35 (MOD. INTERF)		
PIN	SIGNAL	FUNCTION
1		
2		
3		
4		
5	RD	RECEIVED DATA
6	RRD	RECEIVED DATA RETURN
7	ZERO #1	
8		
9		
10		
11	TD	TRANSMIT. DATA
12		
13	RTD	TRANSMITTED DATA RETURN
14		
15		
16		



TOPOGRAFIA - S-01 ÷ S-10
TOPOGRAPHY



Δ1-CUT THE PIN 01

NOTES:

Δ1-TAGLIARE IL PIN 0

NOTE:

004

PWA-CRL 96

Honeywell

F.TO	DISEGNO	PAG.	REV
B	78123851	8/F	FA

REV MARZO 1980

B 78124414

CONNETTORI PWA CPU 28 B-Ø

CONNECTORS PWA CPU 28 B-Ø

J01 (TEST CONNECTOR)

PIN	SIGNAL	
1	MEMR	* 0
2	HØLD	* 1
3	RESET	* 0
4	HLDA	* 1
5	AB14	* 12
6	INTA	* 0
7	AB13	* 12
8	EXREA	* 1
9	AB12	* 12
10	ENBUS	* 1
11	AB15	* 12
12	EXCLØ	* 1
13	EINT	* 1
14	MEMW	* 0
15	STRØ	* 0
16	GROUND	
17	BUSEN	* 0
18	IØW	* 0
19	AB10	* 12
20	AB11	* 12
21	AB9	* 12
22	AB8	* 12
23	IØR	* 0
24	DS00Ø	* 0
25	DB6	* 1
26	DB7	* 1
27	DB5	* 1
28	DB4	* 1
29	DB3	* 1
30	DB2	* 1
31	DB1	* 1
32	DB0	* 1
33	AB4	* 12
34	AB7	* 12
35	AB6	* 12
36	AB5	* 12
37	AB3	* 12
38	AB2	* 12
39	AB1	* 12
40	AB0	* 12

J02 (KEYBOARD)

PIN	SIGNAL	
1	-12V	
2	KB7	* 0
3	KB6	* 0
4	GROUND	
5	GROUND	
6	REPEA	* 0
7	CTR	* 1
8	STRØB	* 0
9	KB3	* 0
10	KB4	* 0
11	PR7	* 1
12	+ 5V	
13	KB5	* 0
14	KB1	* 0
15	KB2	* 0
16	KB0	* 0

J03 (OPERATOR PANEL)

PIN	SIGNAL	
1	+ 5V	
2	DS05Ø	* 0
3	GROUND	
4	FL2TT	* 1
5	PRSL	* 1
6	BREAK	* 10
7	F.F.	* 10
8	SWLOL	* 0
9	DS06Ø	* 0
10	START/STOP	* 10
11	L.F.	* 10
12	PAPERØ	* 1
13	STABY	* 1
14	READY	* 1
15	LØCAL	* 1
16	WAIT	* 1
17	KEYBO	* 1
18	GROUND	

J05 (ASYNCHRONOUS MODEM INTERFACE)

PIN	SIGNAL	
1	-12V	
2	LDCD	* 10
3	LCALI	* 10
4	+ 5V	
5	LRD	* 00
6	LRTS	* 1
7	LDTR	* 1
8	+12V	
9	LBREK	* 02
10	GROUND	
11	LTD	* 0
12	BUSY	* 0
13	LCTS	* 10
14	LDSR	* 10
15	LSDCD	* 10
16	-15V	

J06 (DRIVE)

PIN	SIGNAL	
1	SØNAL	* 1
2		
3	AB11	* 03
4	FIVIS	* 1
5	IØWR	* 0
6	PICAL1	* 1
7	PR3	* 0
8	AB13	* 12
9	AB12	* 12
10	AB14	* 12
11	PR6	* 1
12	PAPEN	* 1
13	SØL	* 00
14	PICAL2	* 1
15	AB15	* 12
16	PR0	* 1
17	100 KH	* 0
18	PR5	* 1

J07 (DRIVE)

PIN	SIGNAL	
1	-12V	
2	RESET	* 0
3	-15V	
4	DBR7	* 1
5	DBR3	* 1
6	DBR1	* 1
7	DBR0	* 1
8	DBR2	* 1
9	+12V	
10	+12V	
11	DBR6	* 1
12	DBR5	* 1
13	DS06I	* 0
14	ØRDS	* 0
15	DBR4	* 1
16	DS05I	* 0
17	MR1	* 1
18	-5V	

J18 (O.P. AUSILIARY)

PIN	SIGNAL	
1	+5V	
2	SET PAR	* 10
3	BRG2	* 0
4	BRG1	* 0
5	BRG0	* 0
6	GROUND	
7	WSPØ	* 0
8	SWA01	* 0
9	SWA02	* 0
10	SWA03	* 0
11	SWA04	* 0
12	SWA05	* 0
13	SWA06	* 0
14	SWA07	* 0
15	SWA08	* 0
16	ABCLE	* 0

J19 (POWER SUPPLY)

PIN	SIGNAL
1	+5V
2	GROUND

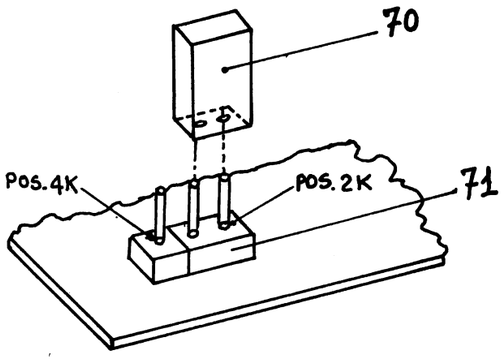
004 (crossed out) 005 003 (crossed out) 002 (crossed out) 001 (crossed out)

COD. 3897703 B
REV. LUGLIO 1972

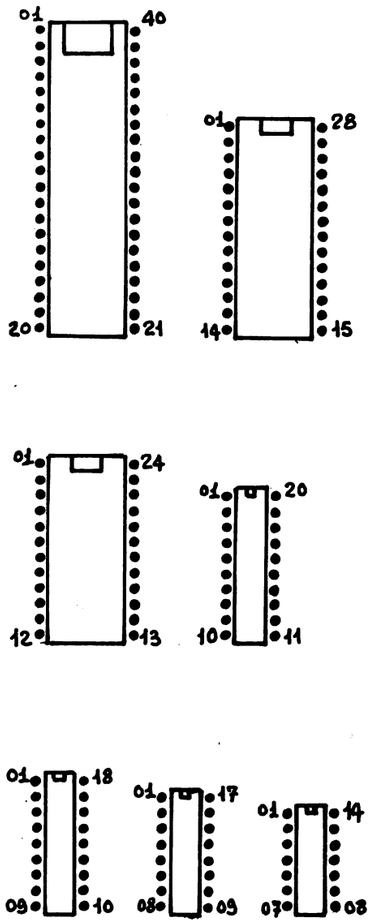
Honeywell

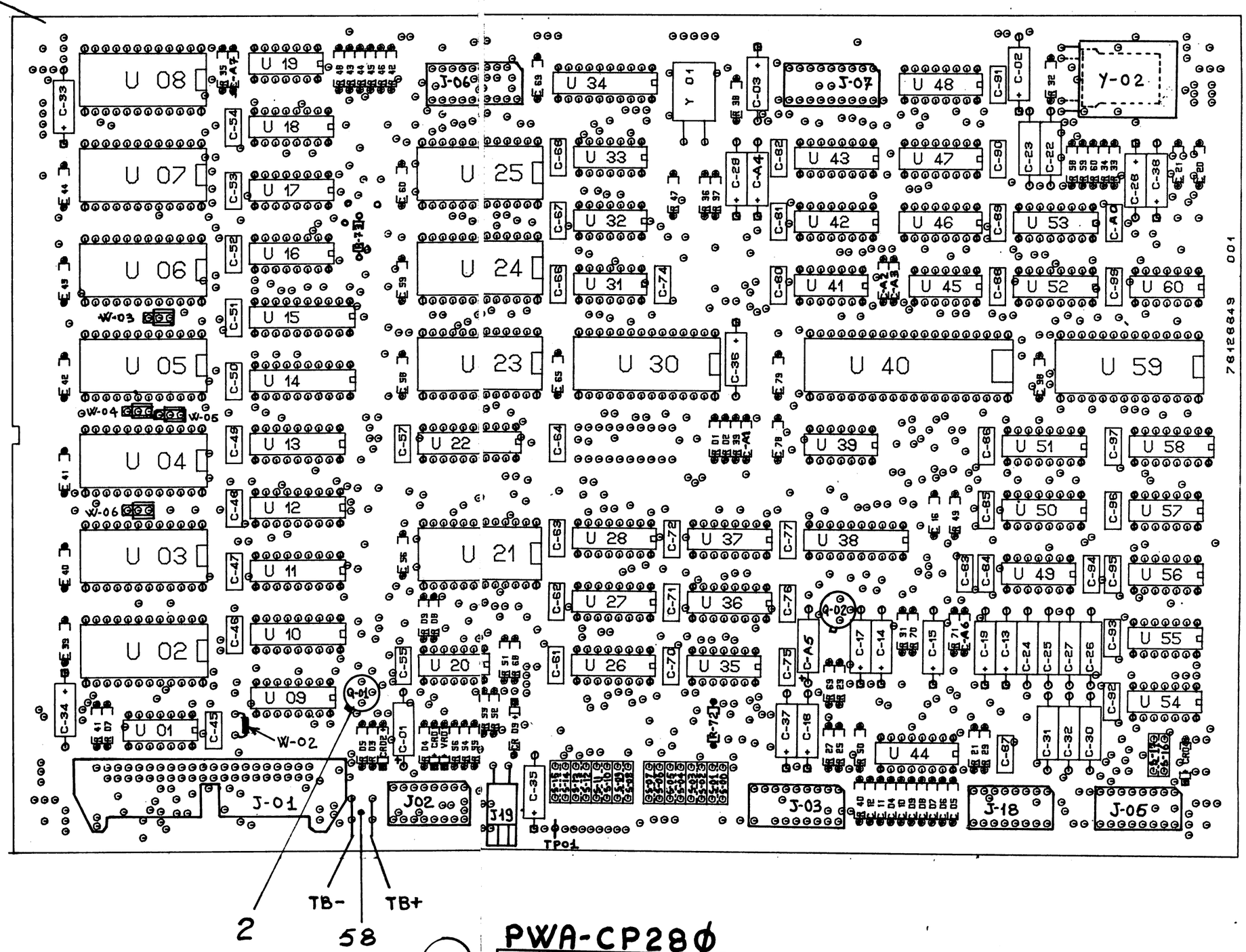
F.TO	DISEGNO	PAG.	REV
B	78124414	4	GA

B78124414



PARTICOLARE INSERZIONE W-03÷W-06





PWA-CP28ϕ

Honeywell

F.TO	DISEGNO	PAG.	REV
B	78124414	6/F	GA

B 78128366

CONNETTORI PWA CPU 28 B-Ø

CONNECTORS PWA CPU 28 B-Ø

J01 (TEST CONNECTOR)

PIN	SIGNAL	
1	MEMR	* 0
2	HØLD	* 1
3	RESET	* 0
4	HLDA	* 1
5	AB14	* 12
6	INTA	* 0
7	AB13	* 12
8	EXREA	* 1
9	AB12	* 12
10	ENBUS	* 1
11	AB15	* 12
12	EXCLØ	* 1
13	EINT	* 1
14	MEMW	* 0
15	STRØ	* 0
16	GROUND	
17	BUSEN	* 0
18	IØW	* 0
19	AB10	* 12
20	AB11	* 12
21	AB9	* 12
22	AB8	* 12
23	IØR	* 0
24	DS00Ø	* 0
25	DB6	* 1
26	DB7	* 1
27	DB5	* 1
28	DB4	* 1
29	DB3	* 1
30	DB2	* 1
31	DB1	* 1
32	DB0	* 1
33	AB4	* 12
34	AB7	* 12
35	AB6	* 12
36	AB5	* 12
37	AB3	* 12
38	AB2	* 12
39	AB1	* 12
40	AB0	* 12

J02 (KEYBOARD)

PIN	SIGNAL	
1	-12V	
2	KB7	* 0
3	KB6	* 0
4	GROUND	
5	GROUND	
6	REPEA	* 0
7	CTR	* 1
8	STRØB	* 0
9	KB3	* 0
10	KB4	* 0
11	PR7	* 1
12	+ 5V	
13	KB5	* 0
14	KB1	* 0
15	KB2	* 0
16	KB0	* 0

J03 (OPERATOR PANEL)

PIN	SIGNAL	
1	+ 5V	
2	DS05Ø	* 0
3	GROUND	
4	FI2TT	* 1
5	PRSL	* 1
6	BREAK	* 10
7	F.F.	* 10
8	SWLOL	* 0
9	DS06Ø	* 0
10	START/STOP	* 10
11	L.F.	* 10
12	PAPERØ	* 1
13	STABY	* 1
14	READY	* 1
15	LØCAL	* 1
16	WAIT	* 1
17	KEYBO	* 1
18	GROUND	

J05 (ASYNCHRONOUS MODEM INTERFACE)

PIN	SIGNAL	
1	-12V	
2	LDCD	* 10
3	LCALI	* 10
4	+ 5V	
5	LRD	* 00
6	LRTS	* 1
7	LDTR	* 1
8	+12V	
9	LBREK	* 02
10	GROUND	
11	LTD	* 0
12	BUSY	* 0
13	LCTS	* 10
14	LDSR	* 10
15	LSDCD	* 10
16	-15V	

J06 (DRIVE)

PIN	SIGNAL	
1	SØNAL	* 1
2		
3	AB11	* 03
4	FIVIS	* 1
5	IØWR	* 0
6	PICAL1	* 1
7	PR3	* 0
8	AB13	* 12
9	AB12	* 12
10	AB14	* 12
11	PR6	* 1
12	PAPEN	* 1
13	SØL	* 00
14	PICAL2	* 1
15	AB15	* 12
16	PR0	* 1
17	100 KH	* 0
18	PR5	* 1

J07 (DRIVE)

PIN	SIGNAL	
1	-12V	
2	RESET	* 0
3	-15V	
4	DBR7	* 1
5	DBR3	* 1
6	DBR1	* 1
7	DBR0	* 1
8	DBR2	* 1
9	+12V	
10	+12V	
11	DBR6	* 1
12	DBR5	* 1
13	DS06I	* 0
14	ØRDS	* 0
15	DBR4	* 1
16	DS05I	* 0
17	MR1	* 1
18	-5V	

J18 (O.P. AUSILIARY)

PIN	SIGNAL	
1	+5V	
2	SET PAR	* 10
3	BRG2	* 0
4	BRG1	* 0
5	BRG0	* 0
6	GROUND	
7	WSPØ	* 0
8	SWA01	* 0
9	SWA02	* 0
10	SWA03	* 0
11	SWA04	* 0
12	SWA05	* 0
13	SWA06	* 0
14	SWA07	* 0
15	SWA08	* 0
16	ABCLE	* 0

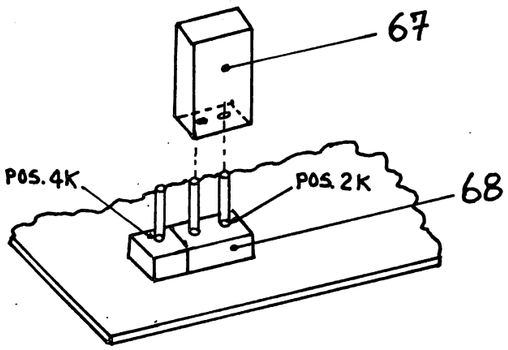
J19 (POWER SUPPLY)

PIN	SIGNAL
1	+5V
2	GROUND

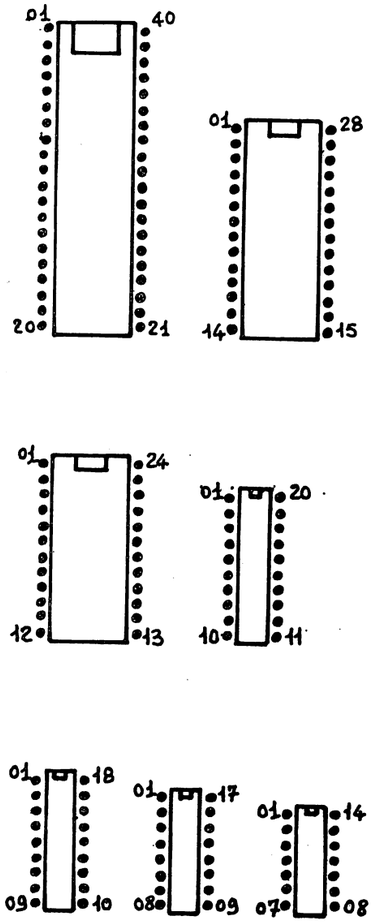
002

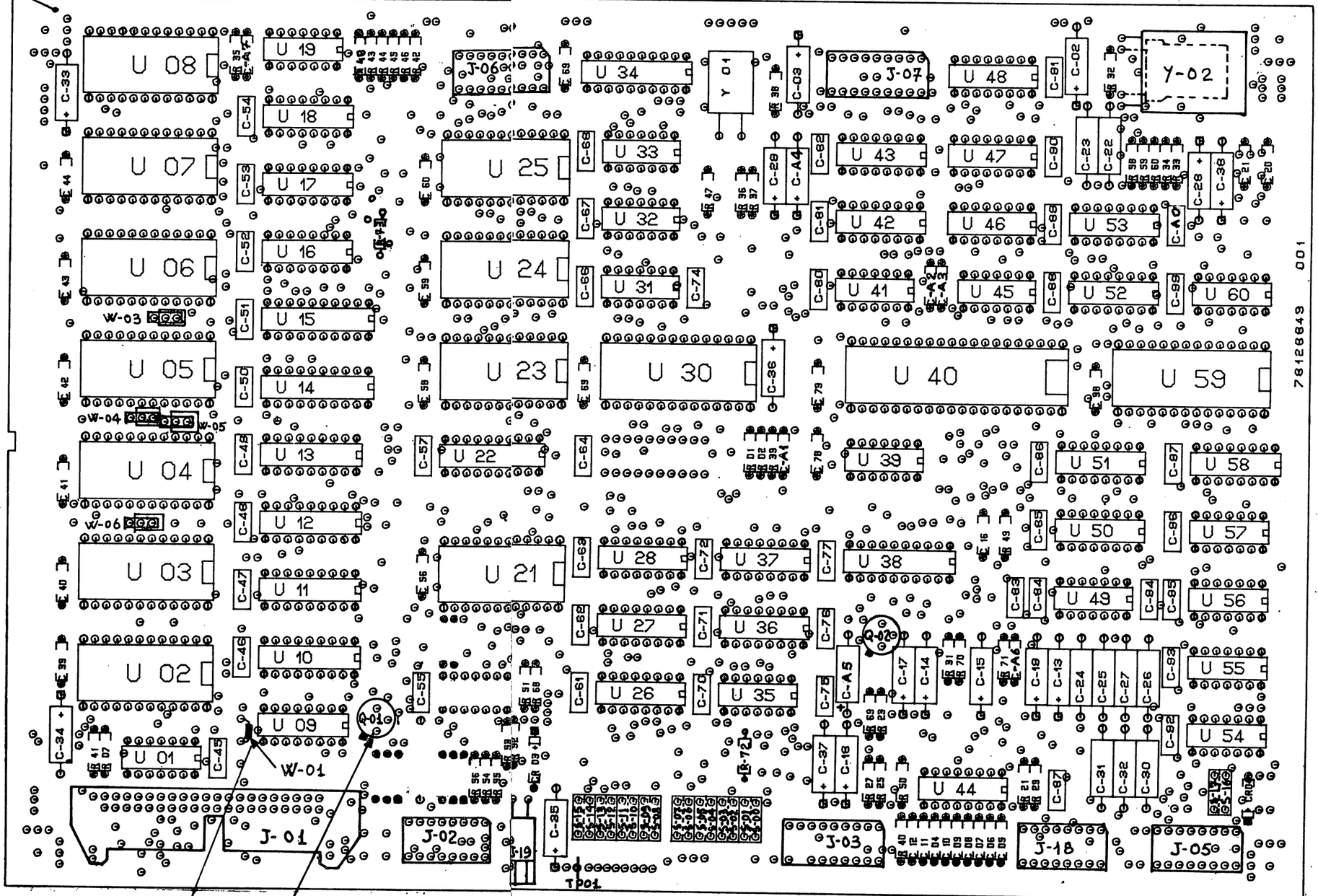
101

B78128366



PARTICOLARE INSERZIONE W-03÷W-06





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PWA-CP28B

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F.TO	DISEGNO	PAG.	REV
B	78128366	6/F	A