

CPU BOARD

Pin No.	CON-NECTOR	CONTENTS	DESTINATION
1	CR3	PANEL IN 7	PANEL (R) BOARD RC3;10
2	CR3	PANEL IN 6	PANEL (R) BOARD RC3;9
3	CR3	PANEL IN 5	PANEL (R) BOARD RC3;8
4	CR3	PANEL IN 4	PANEL (R) BOARD RC3;7
5	CR3	PANEL IN 3	PANEL (R) BOARD RC3;6
6	CR3	PANEL IN 2	PANEL (R) BOARD RC3;5
7	CR3	PANEL IN 1	PANEL (R) BOARD RC3;4
8	CR3	PANEL IN 0	PANEL (R) BOARD RC3;3
9	CR3	PANEL BUTTON LED (R) 7	PANEL (R) BOARD RC3;2
10	CR3	D.GND	PANEL (R) BOARD RC3;1
11	CR1	PANEL BUTTON LED (R) 4	PANEL (R) BOARD RC1;18
12	CR1	PANEL BUTTON LED (R) 3	PANEL (R) BOARD RC1;17
13	CR1	PANEL BUTTON LED (R) 0	PANEL (R) BOARD RC1;16
14	CR1	PANEL POT (R) 4	PANEL (R) BOARD RC1;15
15	CR1	PANEL POT (R) 3	PANEL (R) BOARD RC1;14
16	CR1	PANEL POT (R) 2	PANEL (R) BOARD RC1;13
17	CR1	PANEL POT (R) 1	PANEL (R) BOARD RC1;12
18	CR1	PANEL POT (R) 0	PANEL (R) BOARD RC1;11
19	CR2	NC	
20	CR2	TO PANEL REF	PANEL (R) BOARD RC2;24
21	CR2	PANEL POT DATA IN	PANEL (R) BOARD RC2;23
22	CR2	PANEL PROTECT	PANEL (R) BOARD RC2;22
23	CR2	A.GND	PANEL (R) BOARD RC2;21
24	CR2	TO +15V	PANEL (R) BOARD RC2;20
25	CR2	TO −15V	PANEL (R) BOARD RC2;19
26	CJ	JACK HOLD	JACK BOARD JC;11
27	CJ	JACK PATCH	JACK BOARD JC;10
28	CJ	JACK ARP (SW)	JACK BOARD JC;9
29	CJ	JACK ARP CLOCK	JACK BOARD JC;8
30	CJ	CASSETTE OUT	JACK BOARD JC;7
31	CJ	CASSETTE IN	JACK BOARD JC;6
32	CJ	JACK PROTECT	JACK BOARD JC;5
33	CJ	MIDI IN	JACK BOARD JC;4
34	CJ	MIDI OUT	JACK BOARD JC;3
35	CJ	MIDI OUT	JACK BOARD JC;2
36	CJ	NC	
37	CM4	CLK OUT	MODULE BOARD MC;1
38	CM4	D.GND	MODULE BOARD MC;2
39	CM4	PANEL LFO LED	MODULE BOARD MC;3
40	CM4	PANEL LFO LED	MODULE BOARD MC;4
41	CM4	FROM MOD BUSSY	MODULE BOARD MC;5
42	CM4	RESET	MODULE BOARD MC;6
43	CM4	T1	MODULE BOARD MC;7
44	CM4	D.GND	MODULE BOARD MC;8
45	CP	+15V	POWER SUPPLY BOARD
46	CP	A.GND	POWER SUPPLY BOARD
47	CP	−15V	POWER SUPPLY BOARD
48	CP	REF (+10V)	POWER SUPPLY BOARD
49	CP	+5V (LED)	POWER SUPPLY BOARD
50	CP	D.GND	POWER SUPPLY BOARD

51	CP	+5V	POWER SUPPLY BOARD
52	CP	RESET	POWER SUPPLY BOARD
53	KC2	FROM KEYBOARD	
54	KC2	FROM KEYBOARD	
55	KC2	FROM KEYBOARD	
56	KC2	FROM KEYBOARD	
57	KC2	FROM KEYBOARD	
58	KC2	FROM KEYBOARD	
59	KC2	FROM KEYBOARD	
60	KC2	FROM KEYBOARD	
61	KC1	FROM KEYBOARD	
62	KC1	FROM KEYBOARD	
63	KC1	FROM KEYBOARD	
64	KC1	FROM KEYBOARD	
65	KC1	FROM KEYBOARD	
66	KC1	FROM KEYBOARD	
67	KC1	FROM KEYBOARD	
68	KC1	FROM KEYBOARD	
69	CL3	PANEL IN 7	PANEL (L) BOARD LC3;16
70	CL3	PANEL IN 6	PANEL (L) BOARD LC3;17
71	CL3	PANEL IN 5	PANEL (L) BOARD LC3;18
72	CL3	PANEL IN 4	PANEL (L) BOARD LC3;19
73	CL3	PANEL IN 3	PANEL (L) BOARD LC3;20
74	CL3	PANEL IN 2	PANEL (L) BOARD LC3;21
75	CL3	PANEL IN 1	PANEL (L) BOARD LC3;22
76	CL3	PANEL IN 0	PANEL (L) BOARD LC3;23
77	CL3	PANEL BUTTON LED 7	PANEL (L) BOARD LC3;24
78	CL3	D.GND	PANEL (L) BOARD LC3;25
79	CL1	PANEL BUTTON LED 6	PANEL (L) BOARD LC1;1
80	CL1	PANEL BUTTON LED 5	PANEL (L) BOARD LC1;2
81	CL1	PANEL BUTTON LED 0	PANEL (L) BOARD LC1;3
82	CL1	PANEL BUTTON LED 2	PANEL (L) BOARD LC1;4
83	CL1	PANEL BUTTON LED 1	PANEL (L) BOARD LC1;5
84	CL1	PANEL POT 3	PANEL (L) BOARD LC1;6
85	CL1	PANEL POT 2	PANEL (L) BOARD LC1;7
86	CL1	PANEL POT 1	PANEL (L) BOARD LC1;8
87	CL2	PANEL POT 0	PANEL (L) BOARD LC2;9
88	CL2	TO PANEL REF (+5V)	PANEL (L) BOARD LC2;10
89	CL2	PANEL POT DATA IN	PANEL (L) BOARD LC2;11
90	CL2	LFO LED	PANEL (L) BOARD LC2;12
91	CL2	A.GND	PANEL (L) BOARD LC2;13
92	CL2	TO +15V	PANEL (L) BOARD LC2;14
93	CL2	TO −15V	PANEL (L) BOARD LC2;15
94	CM2	CLOK OUT	MODULE BOARD 2 MC2;1
95	CM2	D.GND	MODULE BOARD 2 MC2;2
96	CM2	PANEL LFO LED	MODULE BOARD 2 MC2;3
97	CM2	PANEL LFO LED	MODULE BOARD 2 MC2;4
98	CM2	FROM MOD BUSSY	MODULE BOARD 2 MC2;5
99	CM2	RESET	MODULE BOARD 2 MC2;6
100	CM2	TO	MODULE BOARD 2 MC2;7
101	CM2	D.GND	MODULE BOARD 2 MC2;8

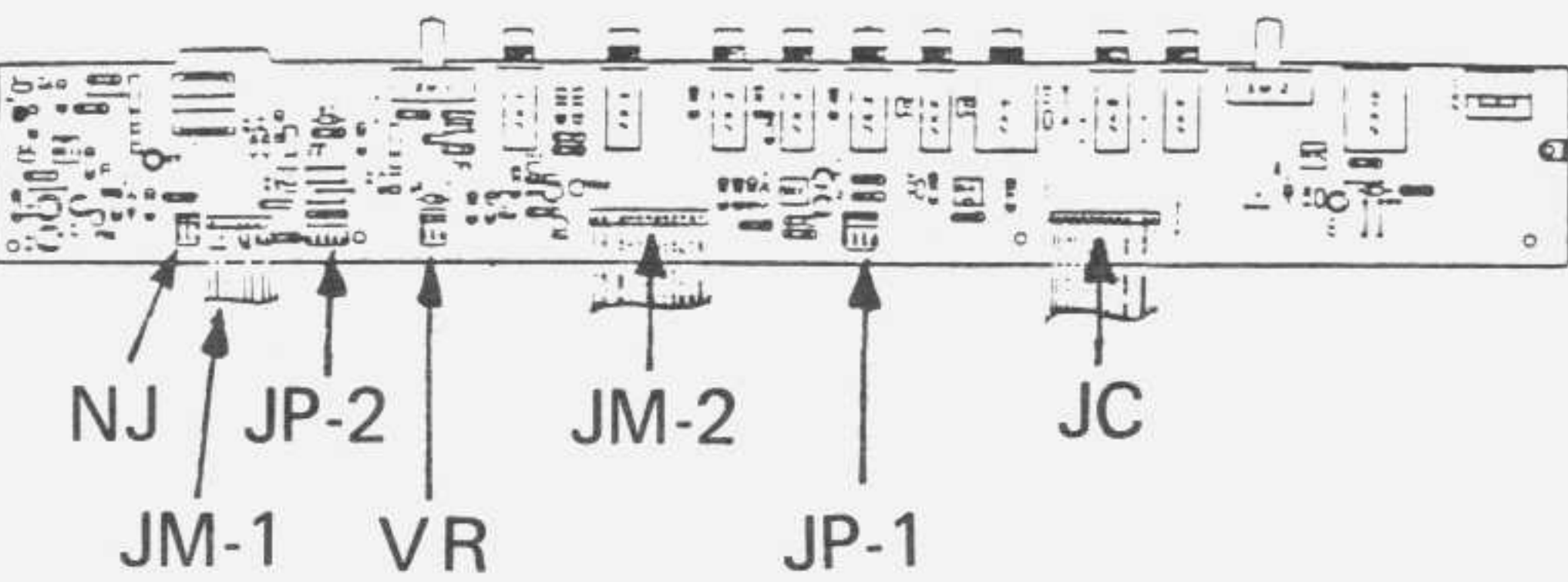
MODULE BOARD (4 VOICE)

Pin No.	CON-NECTOR	CONTENTS	DESTINATION
1	MC4	CLK IN	CPU BOARD CM4;37
2	MC4	D.GND	CPU BOARD CM4;38
3	MC4	LFO IN (T0)	CPU BOARD CM4;39
4	MC4	LFO IN (T1)	CPU BOARD CM4;40
5	MC4	TX	CPU BOARD CM4;41
6	MC4	RESET	CPU BOARD CM4;42
7	MC4	RX	CPU BOARD CM4;43
8	MC4	D.GND	CPU BOARD CM4;44
9	M4P-1	+5V	POWER SUPPLY BOARD
10	M4P-1	D.GND	POWER SUPPLY BOARD
11	M4P-1	A.GND	POWER SUPPLY BOARD
12	M4P-1	−15V	POWER SUPPLY BOARD
13	M4P-1	+15V	POWER SUPPLY BOARD
14	M4P-1	Ref (+10V)	POWER SUPPLY BOARD
15	M4P-2	−15V	POWER SUPPLY BOARD
16	M4P-2	−15V	POWER SUPPLY BOARD
17	M4P-2	A.GND	POWER SUPPLY BOARD
18	M4P-2	A.GND	POWER SUPPLY BOARD
19	M4P-2	+15V	POWER SUPPLY BOARD
20	M4P-2	+15V	POWER SUPPLY BOARD
21	M4J	NOISE IN	JACK BOARD JM1;40
22	M4J	A.GND	—
23	M4J	VCA OUT	JACK BOARD JM1;36
24	M4J	VCA CONT	JACK BOARD JM2;19
25	M4J	VCF CONT	JACK BOARD JM2;17
26	M4J	VCO BEND 2	JACK BOARD JM2;21
27	M4J	VCO BEND 1	JACK BOARD JM2;23

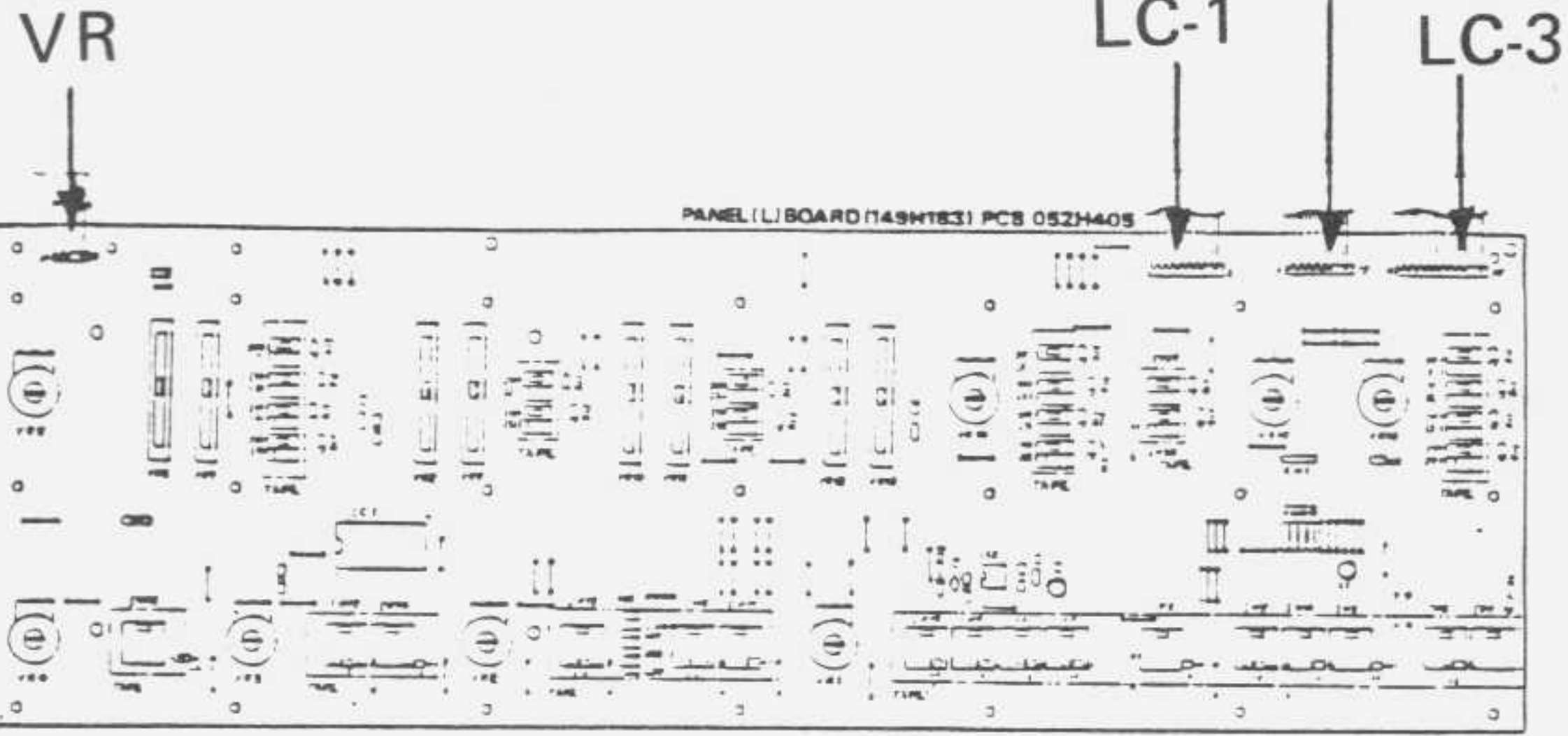
MODULE BOARD (2 VOICE)

Pin No.	CON-NECTOR	CONTENTS	DESTINATION
1	MC2	CLK IN	CPU BOARD CM2;94
2	MC2	D.GND	CPU BOARD CM2;95
3	MC2	LFO IN (T0)	CPU BOARD CM2;96
4	MC2	LFO IN (T1)	CPU BOARD CM2;97
5	MC2	TX	CPU BOARD CM2;98
6	MC2	RESET	CPU BOARD CM2;99
7	MC2	RX	CPU BOARD CM2.100
8	MC2	D.GND	CPU BOARD CM2;101
9	M2P-1	+5V	POWER SUPPLY BOARD
10	M2P-1	D.GND	POWER SUPPLY BOARD
11	M2P-1	A.GND	POWER SUPPLY BOARD
12	M2P-1	−15V	POWER SUPPLY BOARD
13	M2P-1	+15V	POWER SUPPLY BOARD
14	M2P-1	Ref (+10V)	POWER SUPPLY BOARD
15	M2P-2	−15V	POWER SUPPLY BOARD
16	M2P-2	−15V	POWER SUPPLY BOARD
17	M2P-2	A.GND	POWER SUPPLY BOARD
18	M2P-2	A.GND	POWER SUPPLY BOARD
19	M2P-2	+15V	POWER SUPPLY BOARD
20	M2P-2	+15V	POWER SUPPLY BOARD
21	M2J	NOISE IN	JACK BOARD JM1;41
22	M2J	A.GND	—
23	M2J	VCA OUT	JACK BOARD JM1;38
24	M2J	VCA CONT	JACK BOARD JM2;18
25	M2J	VCF CONT	JACK BOARD JM2;16
26	M2J	VCO BEND 2	JACK BOARD JM2;20
27	M2J	VCO BEND 1	JACK BOARD JM2;22

JACK BOARD PCB 052H408



PANEL BOARD (L) PCB 052H405



PANEL BOARD (R) PCB 052H406

