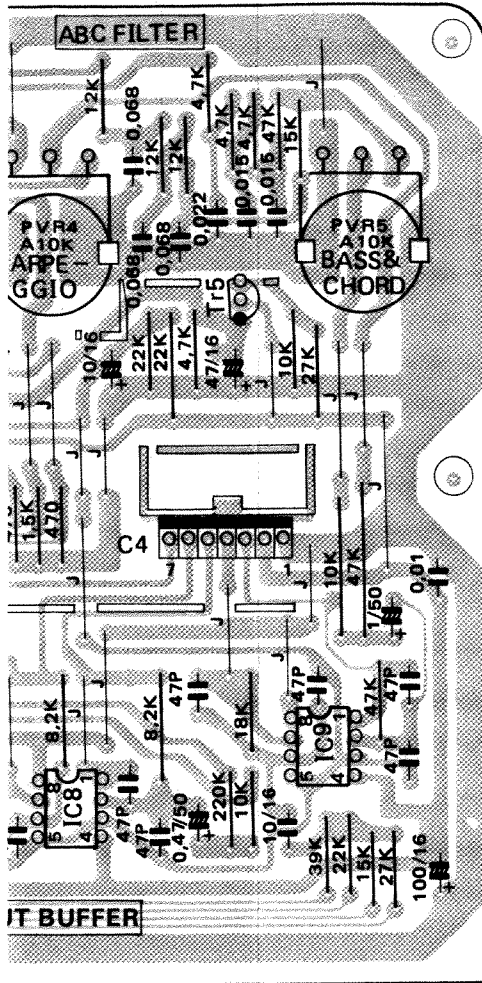


CPA CIRCUIT BOARD

8 2
M M RHY
M M ACC
-15V
GND



escription	Pin No. Name	Description
a IN (≠ KAR)	16 φM	Master clock IN (470kHz)
V (≠ PSC II)	15 VDD	DC Supply (−9V)
IN 1 (≠ SW)	14 S0	Serial data OUT (⇒ KAR, DOM)
2 (≠ SW)	13 P10	Parallel data IN 10 (≠ SW)
3 (≠ SW)	12 P9	— do. — 9 (≠ SW)
4 (≠ SW)	11 P8	— do. — 8 (≠ SW)
5 (≠ SW)	10 P7	— do. — 7 (≠ SW)
	9 P6	— do. — 6 (≠ SW)

YM1011

Pin No. Name	Description	Pin No. Name	Description
1 VSS	Ground (0V)	40 φM	Master Clock IN (470kHz)
2 N2		39 VDD	DC Supply (−9V)
3 N3		38 TL	Tempo lamp Drive OUT
4 N4		37 TCL	C.R for tempo clock oscillation
5 N5	Note Block (≠ MK)	36 −AV	DC supply for Rhythm sound source (−3.5V)
6 N6		35 C4	HC
7 N7		34 C5	HB
8 N1		33 C3	LC
9 KC1		32 C1	SDN
10 KC2		31 C2	HH
11 KC3	Key Code Data OUT (⇒ DOM)	30 R4	BDP
12 KC4		29 R3	DP
13 B11		28 R2	HB/HLC
14 B12		27 R1	HH/SDN
15 B21		26 AG1	Analog GND
16 B22		25 IC	Initial clear IN
17 B31	Octave Block (≠ MK)	24 Si	Serial data IN (≠ PSC II)
18 B32		23 SY	Synchro data OUT (⇒ PSCII)
19 B41		22 B52	
20 B42		21 B51	Octave block (≠ MK)

YM1101

Pin No. Name	Description	Pin No. Name	Description
1 VSS	Ground (0V)	40 φM	Master clock IN (470kHz)
2 TEST	Test Pin	39 VDD	DC Supply (−9V)
3 TEST	— do. —	38 AGND	Analog GND
4 IC	Initial clear IN	37 −AV	DC Supply for Sound source (−3.5V)
5 KC1		36 AGND	GND (Auto Bass Sound source)
6 KC2	Key code data IN (≠ KAR)	35 CP	C.R for Auto Bass/Manual Key Sound source envelope setting
7 KC3		34 CA	C.R for Auto Arpeggio/Manual Key Sound source envelope setting
8 KC4		33 CC4	
9 NGL	NC	32 CC3	
10 NGP	NC	31 CC2	C.R for Auto Chord/Manual Key Sound source envelope setting
11 Si	Serial data IN (≠ PSC II)	30 CC1	
12 KON	NC	29 CM4	
13 VIB	GND	28 CM3	
14 DV	NC	27 CM2	C.R for Manual Key Sound source envelope setting
15 −AV	DC supply for sound source (−3.5V)	26 CM1	
16 φOSC	Clock for sound source IN (530kHz)	25 AG1	GND (Manual Key sound source)
17 MENC	MENC	24 P8'	Auto Bass sound source OUT
18 M2'	2'	23 A4'	Auto Arpeggio sound source OUT
19 M4'	4'	22 L4'	Auto Code sound source OUT
20 M8'	8'	21 M16'	GND