

or

Part Name	YM722000	Function Name	CPB (Combo Piano-B) Tone Generator
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φM 40
VDD
BR0
MK0
BR1
MK1 35
BR2
VK2
BR3
MK3
BR4 30
MK4
BR5
MK5
BR6
VK6 25
BR7
MK7
8/16
SY 21

Terminal		I/O	Description	Terminal		I/O	Description
Pin No.	Name			Pin No.	Name		
1	VSS	I	Ground (0V)	48	φM	I	Master Clock (1MHz)
2	IC	I	Initial Clear	47	VDD	I	DC Supply (−15V)
3	KC1	I	Key Code Data	46	φCP	I	Pitch Clock
4	KC2	I	— do. —	45	WS0	I	Wave Select Data
5	KC3	I	— do. —	44	WS1	I	— do. —
6	KC4	I	— do. —	43	HS2	O	Sound Source Waveform (Sustain) Block 0, 1,
7	5th UP	I	Transposition Data	42	HS3	O	— do. — 2
8	8th UP	I	— do. —	41	HS4	O	— do. — 3
9	SY	I	Synchro Data	40	HS5	O	— do. — 4
10	CS	I	Chip Select 1~8ch, 9~16ch Synchro Select.	39	HS6	O	— do. — 5, 6
11	E0	I	Envelope Data	38	AG2	I	Analog Ground
12	E1	I	— do. —	37	HA2	O	Sound Source Waveform (Attack) Block 0, 1,
13	E2	I	— do. —	36	HA3	O	— do. — 2
14	AG1	I	Analog Ground	35	HA4	O	— do. — 3
15	C1A	I	Envelope Setting Capacitor	34	HA5	O	— do. — 4
16	C1B	I	— do. —	33	HA6	O	— do. — 5, 6
17	C2B	I	— do. —	32	−5V	I	DC Supply (≒ −10V)
18	C2A	I	— do. —	31	AMIN	I	Minimum Level Setting
19	C3A	I	— do. —	30	C8A	I	Envelope Setting Capacitor
20	C3B	I	— do. —	29	C8B	I	— do. —
21	C4B	I	— do. —	28	C7B	I	— do. —
22	C4A	I	— do. —	27	C7A	I	— do. —
23	C5A	I	— do. —	26	C6A	I	— do. —
24	C5B	I	— do. —	25	C6B	I	— do. —

1 VSS φM 48
IC VDD
KC1 φCP
KC2 WS0 45
5 KC3 WS1
KC4 HS2
5th UP HS3
8th UP HS4
SY HS5 40
10 CS HS6
E0 AG2
E1 HA2
E2 HA3
AG1 HA4 35
15 C1A HA5
C1B HA6
C2B −5V
C2A AM IN
C3A C8A 30
20 C3B C8B
C4B C7B
C4A C7A
C5A C6A
24 C5B C6B 25

CPB (YM722000)

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