

PA711K4-PE Data Sheet

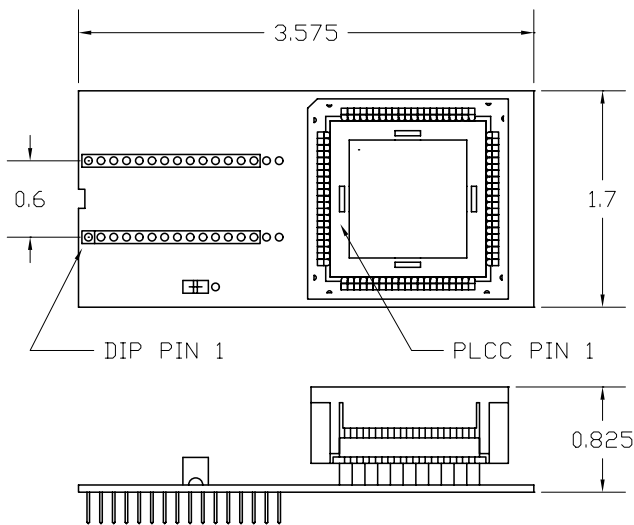
84 pin PLCC *Dead-Bug* socket/28 pin DIP 0.6" plug

Supported Device/Footprints

This adapter supports programming OTP or EPROM in Motorola 68HC11K4 devices on 28 pin DIP programmers. The devices must be packaged in the 84 pin PLCC package (FN84).

Mfgr	Device	Package	Programmer Device	Plug
Motorola	68HC711K4	PLCC	27C256	28 pin DIP

Adapter Dimensions



Adapter Construction

The adapter is made up of 2 sub-assemblies. They assemble via connectors making the adapter modular. This way the sub-assemblies can be replaced when they wear out. When disassembling the adapter take care not to bend the pins. When reassembling the adapter note the pin 1 indicators to align the parts correctly.

Test Socket

QFP test socket:

Yamaichi Part #: IC 120-0844-203 LSC Part #: 84-203

Note: This is a Dead-Bug socket, the device inserts with the pins up.

K4-84-28

Accepts the test socket and performs the wiring shown in the Adapter Wiring section.

Memory Access

Address	Size	'711K4	27C256 programmer
A000-FFFF	24K Bytes	EPROM	Pgm/Read/Write 2000-7FFF

Adapter Wiring

The following chart shows the connections from the PLCC device to the adapter's DIP plug. *14 = 100K Pulldown

DEVICE	SIGNAL	PLUG	PLUG	SIGNAL	DEVICE
1	GND	14	14	GND	84
2	VCC	28	14	GND	83
3	GND	14	14	GND	82
4	OE-	22	14	GND	81
5	A14	27	14	GND	80
6	A13	26	14	GND	79
7	A12	2	14	GND	78
8	A11	23	14	GND	77
9	A10	21	14	GND	76
10	A9	24	14	GND	75
11	A8	25	14	GND	74
12	GND	14	*14	PD1	73
13	GND	14	*14	PD0	72
14	GND	14	14	GND	71
15	GND	14	*14	RST-	70
16	GND	14	*14	RST-	69
17	GND	14	*14	VSYN-	68
18	GND	14	*14	EXTAL	67
19	GND	14	-	N/C	66
20	MODB	14*	-	N/C	65
21	VPP	1	28	VCC	64
22	N/C	-	14	GND	63
23	VCC	28	19	D7	62
24	GND	14	18	D6	61
25	N/C	-	17	D5	60
26	GND	14	16	D4	59
27	GND	14	15	D3	58
28	GND	14	13	D2	57
29	GND	14	12	D1	56
30	PG3	14*	11	D0	55
31	PG2	14*	20	CE-	54
32	PG1	14*	10	A0	53
33	GND	14	9	A1	52
34	VCC	28	8	A2	51
35	N/C	-	7	A3	50
36	N/C	-	6	A4	49
37	N/C	-	5	A5	48
38	N/C	-	4	A6	47
39	N/C	-	3	A7	46
40	N/C	-	14	GND	45
41	N/C	-	14	GND	44
42	N/C	-	14	GND	43



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