Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

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PA44-40-P64(Z) Data Sheet
44 pin PLCC socket/40 pin DIP 0.6" plug

Supported Device/Footprints

Using this adapter, the Microchip PIC16C64 in either PLCC or CLCC package can be programmed on 40 pin DIP programmers.

Device			Footprint	
Mfgr	Device	Package	Device	Plug
Microchip	PIC16C64	PLCC,	PIC16C64	40 pin DIP
	PIC16C64A	CLCC	PIC16C64A	
	PIC16C65		PIC16C65	
	PIC16C65A		PIC16C65A	
	PIC16C74		PIC16C74	
	PIC16C74A		PIC16C74A	

Adapter Dimensions
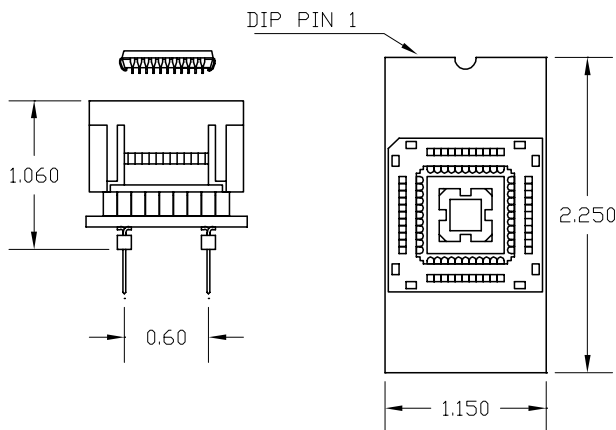
Press rim to open socket, Press device to close
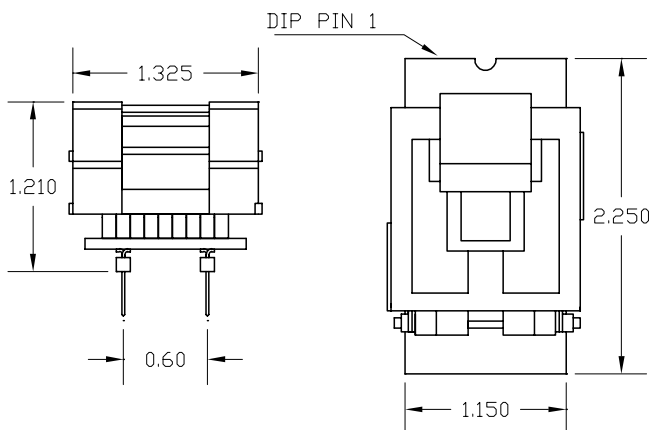
PA44-40-P64

Press rim to open socket, Press device to close

PA44-40-P64Z

Adapter Parts & Part Numbers

The following chart shows the various socket and board part numbers that make up these adapters.

Adapter	Test Socket	Circuit Board
PA44-40-P64	44-306	P64-PD
PA44-40-P64Z	44-400	P64-PZD

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
PLCC Auto-Eject test socket:
   Yamaichi Part #: IC120-0444-306   LSC Part #: 44-306
ZIF Lidded socket:
   Yamaichi Part #: IC51-0444-400   LSC Part #: 44-400

P64-P(Z)D
Accepts the test socket and remaps the signals to the DIP plug.

Adapter Wiring

The following chart shows the connections from the PLCC device to the adapter's DIP plug.

DEVICE	SIGNAL	PLUG	PLUG	SIGNAL	DEVICE
1	N/C	-	40	RB7	44
2	MCLR/Vpp	1	39	RB6	43
3	RA0	2	38	RB5	42
4	RA1	3	37	RB4	41
5	RA2	4	-	N/C	40
6	RA3	5	36	RB3	39
7	RA4/TOCK1	6	35	RB2	38
8	RA5	7	34	RB1	37
9	RE0/RD	8	33	RB0/INT	36
10	RE1/WR	9	32	VD0	35
11	RE2/CS	10	31	Vss	34
12	VD0	11	30	RD7/PSP7	33
13	Vss	12	29	RD6/PSP6	32
14	OSC1/CLKIN	13	28	RD5/PSP5	31
15	OSC2/CLKOUT	14	27	RD4/PSP4	30
16	RC0/T1CLK1	15	26	RC7	29
17	N/C	-	-	N/C	28
18	RC1/T1CK0	16	25	RC6	27
19	RC2/CCPI	17	24	RC5/SD0	26
20	RC3/SCK/SCL	18	23	RC4/SDI/SDA	25
21	RD0/PSP0	19	22	RD3/PSP3	24
22	RD1/PSP1	20	21	RD2/PSP2	23