



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!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



PA17C42-PD(Z) Data Sheet

44 pin PLCC socket/40 pin DIP 0.6" plug

Supported Device/Footprints

This adapter allows programming of Microchip's PIC17C42, '43 & '44 in the 44 pin PLCC package on 40 pin DIP programmers.

Mfgr	Device		Footprint	
	Device	Package	Device	Plug
Microchip	PIC17C42	44 PLCC	PIC17C42	40 Pin DIP
"	PIC17C42A	"	PIC17C42A	"
"	PIC17C43	"	PIC17C43	"
"	PIC17C44	"	PIC17C44	"

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

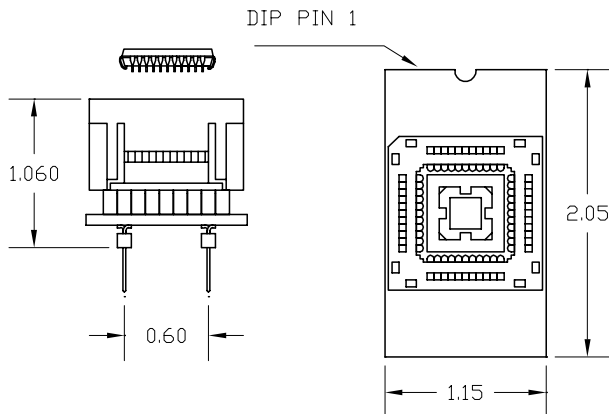
ZIF Lidded socket:

Yamaichi Part #: IC51-0444-400 LSC Part #: 44-400

PA42-P(Z)D

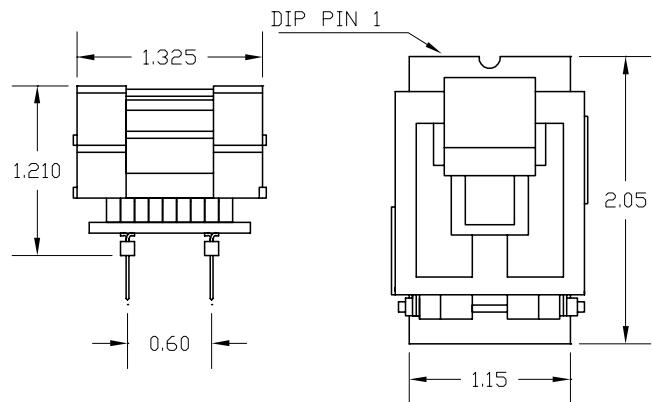
Accepts the test socket and remaps the signals to the DIP plug.

Adapter Dimensions



Press rim to open socket, Press device to close

PA17C42-PD



PA17C42-PZD

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
PA17C42-PD	44-306	P42-PD
PA17C42-PZD	44-400	P42-PZD

Adapter Wiring

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

PLCC	SIGNAL	DIP	DIP	SIGNAL	PLCC
1	Vdd	1	1	Vdd	44
2	-	N/C	40	RD0/AD8	43
3	RC0/AD0	2	39	RD1/AD9	42
4	RC1/AD1	3	38	RD2/AD10	41
5	RC2/AD2	4	37	RD3/AD11	40
6	RC3/AD3	5	36	RD4/AD12	39
7	RC4/AD4	6	35	RD5/AD13	38
8	RC5/AD5	7	34	RD6/AD14	37
9	RC6/AD6	8	33	RD7/AD15	36
10	RC7/AD7	9	32	MCLR/Vpp	35
11	Vss	10	31	Vss	34
12	Vss	10	31	Vss	33
13	RB0/CAP1	11	30	RE0/ALE	32
14	RB1/CAP2	12	29	RE1/OE	31
15	RB2/PWM1	13	28	RE2/WR	30
16	RB3/PWM2	14	27	TEST	29
17	RB4/TCLK12	15	26	RA0/INT	28
18	RB5/TCLK3	16	25	RA1/RT	27
19	RB6	17	24	RA2	26
20	RB7	18	23	RA3	25
21	OSC1	19	22	RA4/RX/DT	24
22	OSC2/CLKOUT	20	21	RA5/TX/CK	23