



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



# PA28SS-P55 Data Sheet

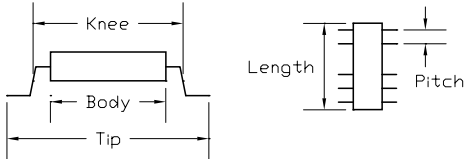
## 28 Pin SSOP socket/28 Pin DIP 0.6" plug

### Supported Device/Footprints

Using this adapter, the Microchip PIC16C55, '57 in SSOP package can be programmed on DIP programmers.

Mfgr	Device	Package	Device	Footprint Package
Microchip	PIC16C55	SSOP	PIC16C55	28 pin DIP
"	PIC16C57	"	PIC16C57	"

The SSOP socket accepts packages with the dimensions listed below:

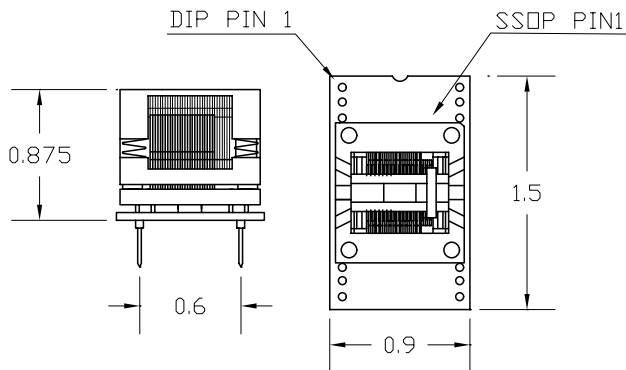


Body mm (inches)			Knee mm (inches)		
min.	typ.	max.	min.	typ.	max.
n/a	5.3 (0.209)	5.7 (0.224)	n/a	6.4 (0.252)	6.5 (0.256)

Tip mm (inches)			Body Length	Lead Pitch
min.	typ.	max.		
n/a	7.8 (0.307)	8.0 (0.315)	10.64 max. (0.419)	0.65 (0.0256)

### 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

SSOP Open top test socket:  
Enplas Part #: OTS-28(34)-0.65-01 LSC #: 28(34)SG-01

### 28SS-P55

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

### Adapter Wiring

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

DEVICE	SIGNAL	PLUG
1	VSS	4
2	RTCC	1
3	VDD	2
4	VDD	2*
5	RA0	6
6	RA1	7
7	RA2	8
8	RA3	9
9	RB0	10
10	RB1	11
11	RB2	12
12	RB3	13
13	RB4	14
14	VSS	4*
15	RB5	15
16	RB6	16
17	RB7	17
18	RC0	18
19	RC1	19
20	RC2	20
21	RC3	21
22	RC4	22
23	RC5	23
24	RC6	24
25	RC7	25
26	OSC2	26
27	OSC1	27
28	MCLR	28
-	NC	3
-	NC	5

\*Shorted: SSOP pins 1-14(VSS), 3-4(VDD)



Logical Systems Corporation  
PO Box 6184, Syracuse, NY 13217-6184 USA  
Tel (315) 478-0722, FAX (315) 479-6753  
S Y S T E M S www.logicals.com, Email: info@logicals.com

PA28SS-P55 Data Sheet  
Doc: 28SS-P55.DOC  
Rev 12/4/98  
Page 1 of 1