

PA44-42-02-SO03-6 Data Sheet

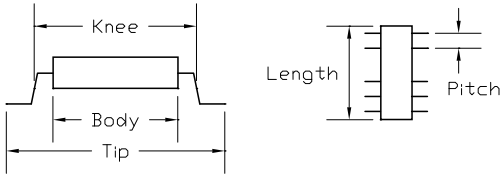
44 pin SO socket/42 pin DIP 0.6" plug

Supported Device/Footprints

These adapters allow a 44 pin SOIC ST Microsystems M27C800 to be programmed in its 42 pin DIP footprint.

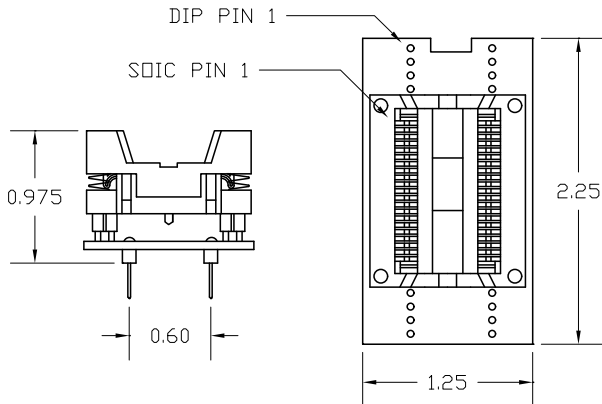
Manufacturer	Socket Device	Package	Footprint Device	Plug
ST Micro	27C800	SO44	same	42 DIP
OKI Semi	MSM27C1652CZ	SO44	same	42 DIP

The adapter accepts packages with the dimensions listed below:



Body	Knee	Tip	Pitch	Length
13.3 mm typ	14.4 mm	16.0 mm	1.27 mm	28.2 mm typ

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 easily.

The following chart lists the adapter described by this datasheet and its subassemblies.

Adapter	Socket	Board
PA44-42-02-SO03-6	44SD-03	44SO-03-42

Test Sockets

LSC #	Style	Mfgr/P n
44SD-03	Open Top	Enplas OTS-44-1.27-03

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.

Adapter Wiring

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

SO	DIP	DIP	SO
1	-	-	44
2	1	42	43
3	2	41	42
4	3	40	41
5	4	39	40
6	5	38	39
7	6	37	38
8	7	36	37
9	8	35	36
10	9	34	35
11	10	33	34
12	11	32	33
13	12	31	32
14	13	30	31
15	14	29	30
16	15	28	29
17	16	27	28
18	17	26	27
19	18	25	26
20	19	24	25
21	20	23	24
22	21	22	23

Skip short notation: 1, 44



Adapters-Plus Inc.

P.O. Box 900
 Tracy, Ca 95378
 ph.209-839-0200
 fax.209-839-0235
 email: sales@adapt-plus.com