

PA28TSOP3 Data Sheet

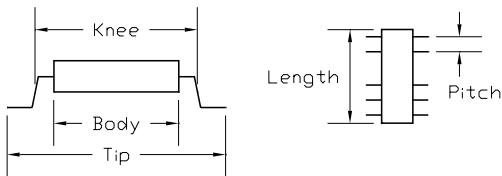
28 pin TSOP socket/28 pin DIP 0.6" plug

Supported Device/Footprints

The PA28TSOP3 adapter converts the pinout of a 28 pin TSOP device to its 28 pin DIP equivalent. It accepts the TSOP device and plugs into a DIP socket. Several Flash (EEPROM) memories by several manufacturers are supported.

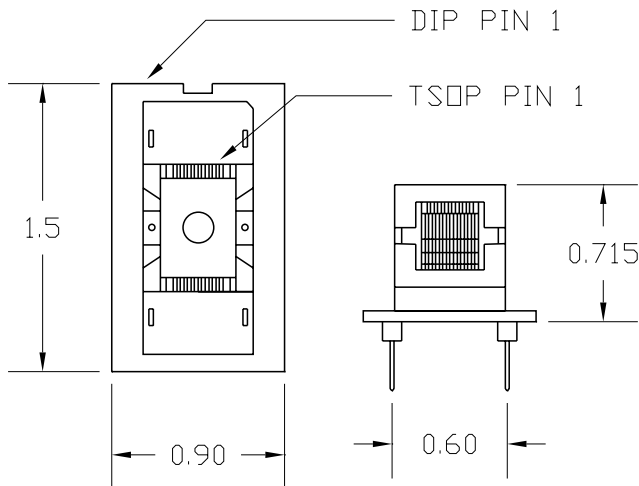
Mfgr.	Socket		Footprint	
	Device	Package	Device	Plug
Several	27C256 - 27C512	TSOP	27C256 - 27C512	28 DIP
Several	28C16 - 28C64		28C16 - 28C64	

This adapter accept packages with the dimensions listed below:



Body	Knee	Tip	Pitch	Length
11.8 mm typ	12.4 mm	13.4 mm	0.55 mm	8.0 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 shows the various socket and board part numbers that make up this adapter.

Adapter	Socket	Board	DIP Plug
PA28TSOP3	28SI-03	PA28TSOP3	0.6"

Test Socket

LSC #	Style	Mfgr/Pn
28SI-03	Open Top ZIF	Enplas #: OTS-28-0.55-01

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

This adapter is wired 1 to 1. There are two common pin 1 locations on 28 pin TSOPs. Wire lists for both are show below.

This adapter is marked for pin 1 of the TSOP in the corner of the package. The drawing in this datasheet shows TSOP pin 1 in the upper right corner of the adapter.

TSOP Pin 1 in the Corner

TSOP	DIP	DIP	TSOP
1	22	21	28
2	23	20	27
3	24	19	26
4	25	18	25
5	26	17	24
6	27	16	23
7	28	15	22
8	1	14	21
9	2	13	20
10	3	12	19
11	4	11	18
12	5	10	17
13	6	9	16
14	7	8	15

Some TSOPs are numbered with pin 1 in the middle of the side. For those pinouts the adapter wiring is:

TSOP Pin 1 in the Middle

TSOP	DIP	DIP	TSOP
1	1	28	28
2	2	27	27
3	3	26	26
4	4	25	25
5	5	24	24
6	6	23	23
7	7	22	22
8	8	21	21
9	9	20	20
10	10	19	19
11	11	18	18
12	12	17	17
13	13	16	16
14	14	15	15



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PA28TSOP3 Data Sheet
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 Page 1 of 1