PA28-24-1TS Data Sheet
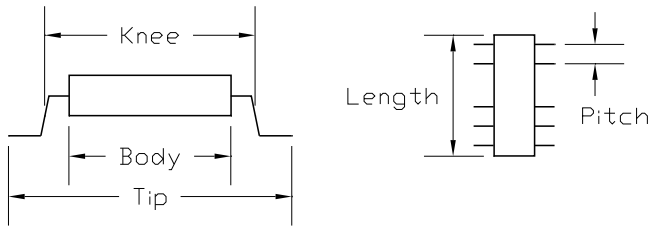## 32 pin TSOP socket/24 pin DIP 0.6" plug
(Although this device has 28 pins it fits in the 32 pin socket.)

Supported Device/Footprints

The PA28-24-1TS adapter allows programming of a Microchip 28C16A in a 28 pin TSOP package in its 24 pin DIP footprint. It accepts the TSOP device and plugs into a DIP socket.
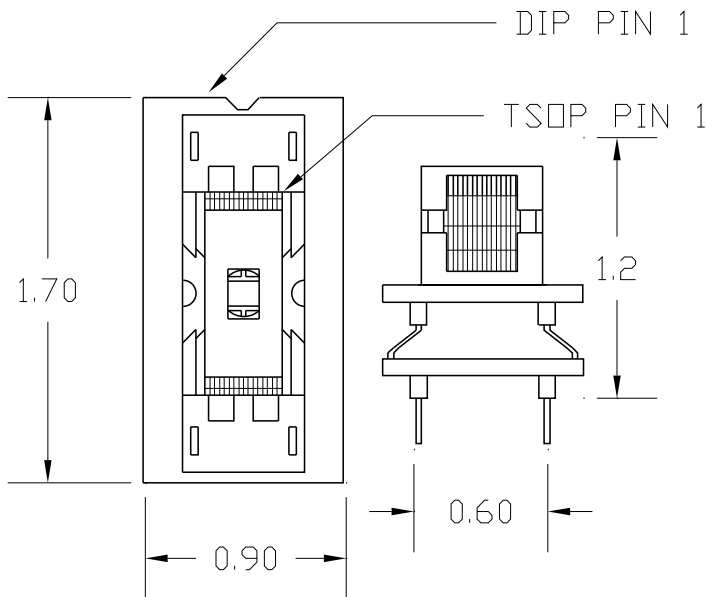
	Socket		Footprint	
Manufacturer	Device	Package	Device	Plug
Microchip	28C16A	TSOP	28C16A	DIP

This adapter accepts packages with the dimensions listed below:

Body	Knee	Tip	Pitch	Length
18.4 mm typ	19.0 mm	20.0 mm	0.50 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 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
TSOP Auto-eject Test Socket:
    Wells Part #: 648-0322211-A01   LSC Part #: 32TSJ-W20

Although this device has 28 pins it fits in the 32 pin socket.

28-24-1T
A two-board assembly which accepts the socket and remaps the pins to the DIP plug.

Adapter Wiring

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

DEVICE	SIGNAL	PLUG
1	-OE	20
2	N/C	-
3	A9	22
4	A8	23
5	N/C	-
6	-WE	21
7	VCC	24
8	N/C	-
9	N/C	-
10	A7	1
11	A6	2
12	A5	3
13	A4	4
14	A3	5
15	A2	6
16	A1	7
17	A0	8
18	I/O0	9
19	I/O1	10
20	I/O2	11
21	VSS	12
22	I/O3	13
23	I/O4	14
24	I/O5	15
25	I/O6	16
26	I/O7	17
27	-CE	18
28	A10	19