

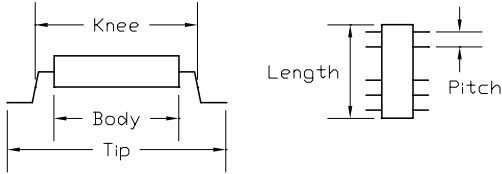
PAxxTSS-OT Data Sheet

8-24 pin TSSOP socket/8-24 pin DIP 0.6" plug

Supported Device/Footprints

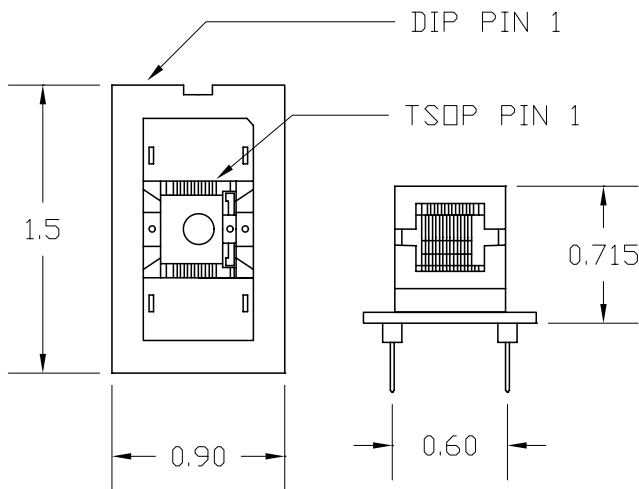
Using this adapter many TSSOP packaged devices can be programmed on programmers with DIP sockets.

This adapter accepts packages with the dimensions listed below:



Body	Knee	Tip	Pitch	Length
4.4 mm typ	5.2 mm	6.4 mm	0.65 mm	n/a

Adapter Dimensions



The PA20TSS-OT is shown

Adapter Parts & Part Numbers

The following chart shows the various socket and board part numbers that make up these adapters.

Adapter	Socket	Board	DIP Plug
PA8TSS-OT	8(24H)TSG-01	24TSS-OT-8	8 pin 0.6"
PA14TSS-OT	14(24H)TSG-01	24TSS-OT-14	14 pin 0.6"
PA16TSS-OT	16(24H)TSG-01	24TSS-OT-16	16 pin 0.6"
PA18TSS-OT	18(24H)TSG-01	24TSS-OT-16	18 pin 0.6"
PA20TSS-OT	20(24H)TSG-01	24TSS-OT-20	20 pin 0.6"
PA24TSS-OT	24TSG-01	24TSS-OT	24 pin 0.6"

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.

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 Sockets

LSC #	Style	Mfgr/Pn
24TSG-01	Open Top ZIF	Enplas OTS-24-0.65-01
xx(24H)TSG-01	Open Top ZIF	Enplas OTS-xx(24)-0.65-01

Some of these sockets are depopulated from 24 pins to fit the various devices. They are depopulated at the Pin 1 end.

The 8 pin socket is different it is depopulated from both ends. The contact pins are toward the center of the socket.

Circuit Board

The **8TSS-1** board is used for the 8 pin adapter. The other adapters are built with the **PA24TSS-OT** board. For pin counts less than 24 the DIP plug is partially depopulated at the Pin 1 end.

Adapter Wiring

The adapter is wired 1-1. Pin 1 of the TSSOP device connects to pin 1 of the DIP footprint, pin 2 to pin 2, and so on around the adapter.