

**Selection Guide to  
TSOP Programming Adapters**  
Pitch: TSOP Type 1 – 0.5mm, TSOP Type 2 – 0.8,  
Exception: 28-TSOP Type 1 – 0.55mm

Package	Body Width	Tip-to-Tip	Socket	DIP plug	Adapter	Price	Suitable for
TSOP-1		14.0mm	Open-top	600-mils	28TS14-8D6-ZO-45DB011	\$80.00	Atmel's 45D and 45DB series Dataflash EEPROMs.
TSOP-1		14.0mm	Open-top	600-mils	28TS14-20D6-ZO-520	\$80.00	Atmel's 27C520 parallel EPROM
TSOP-1		14.0mm	Hinge-lid	600-mils	28TS14-D6-ZL	\$105.00	Generic 28-TSOP programming adapter.
TSOP-1		14.0mm	Open-top	600-mils	28TS14-D6-ZO	\$80.00	Generic 28-TSOP programming adapter.
TSOP-1		14.0mm	Open-top	600-mils	32TS14-D6-ZO	\$90.00	27C010, 28F020, 29C040 etc.
TSOP-1		20.0mm	Open-top	600-mils	32TS20-D6-ZO	\$90.00	27C010, 28F020, 29C040 etc.
TSOP-1		14.0mm	Hinge-lid	600-mils	40TS14-D6-ZL	\$156.00	16-bit wide memories
TSOP-1		14.0mm	Open-top	600-mils	40TS14-D6-ZO-49F1025	\$110.00	Atmel's 49F1025 16-bit wide memories.
TSOP-1		14.0mm	Hinge-lid	600-mils	40TS14-D6-ZL-49F1025	\$156.00	Atmel's 49F1025 16-bit wide memories.
TSOP-1		14.0mm	Open-top	600-mils	40TS14-D6-ZO	\$110.00	16-bit wide memories
TSOP-1		20.0mm	Hinge-lid	600-mils	40TS20-D6-ZL	\$156.00	16-bit wide memories
TSOP-1		20.0mm	Hinge-lid	600-mils	40TS20-D6-ZL-008	\$156.00	29F002,29F004,29F008
TSOP-1		20.0mm	Hinge-lid	600-mils	40TS20-D6-ZL-4096	\$156.00	27C1024, 2048, 4096 and pin compatible devices.
TSOP-1		20.0mm	Open-top	600-mils	40TS20-D6-ZO	\$110.00	16-bit wide memories.
TSOP-1		20.0mm	Open-top	600-mils	48TS20-40D6-ZO	\$120.00	16-bit wide memories.
TSOP-1		20.0mm	Open-top	600-mils	48TS20-40D6-ZO-29C1024	\$120.00	Atmel's 29FC1024 16-bit wide memories.
TSOP-1		20.0mm	Open-top	600-mils	48TS20-D6-ZO-8192-NH	\$120.00	Atmel's 49FC8192 on Needham's EMP programmers only
TSOP-1		20.0mm	Open-top	600-mils	48TS20-D6-ZO-AMD29F016B-NH	\$120.00	AMD's 29F016 16-bit wide memories on Needham's EMP programmers only
TSOP-1		20.0mm	Open-top	600-mils	48TS20-D6-ZO-F008-NH	\$120.00	29F002, 29F004 & 29F008 16-bit wide memories on Needham's EMP programmers only.
TSOP-2			Open-top	300-mils	44TST2-40D3-ZO	\$95.00	TSOP-Type-2 programming adapter for memories in 44-lead TSOP Type 2 package with only 40-pins used.
TSOP-2			Open-top	300-mils	44TST2-D3-ZO	\$95.00	TSOP-Type-2 programming adapter for memories. - generic
TSOP-2			Open-top	600-mils	70TST2-48D6-ZO-27C3255	\$156.00	TSOP-Type-2 programming adapter for OKI 27C3255