

TOPs



Interchangeable TOPs provide flexible, universal package support for a wide range of products.

TOPs are an integral part of our programming systems, offering broad package support and additional pin drivers for enhanced programming flexibility. The proximity of the pin-driver electronics to the socket adds to the overall high programming yields.

- ❑ Flexible TOP technology
- ❑ Minimum lead lengths ensure clean signals
- ❑ Quick, easy change-overs
- ❑ Automatic initialization



TOP48DIP

Included as standard with Optima, Optima light and Dual Package programmers, this 48-pin DIP/ZIF module supports programming and testing of memory, logic, and microcontroller devices from 8 to 48 pins in 300 and 600 mil widths. The advanced state-machine design ensures the shortest programming times with the highest yields. Multiple GND and VCC-relays provide support for your future programming needs.



TOP432DIP

With four 32-pin DIP sockets, the TOP432DIP is designed to program four memory-only devices up to 32 pins each, in Gang or Set mode. Colored LEDs indicate the status of each programming socket.

Three Set modes allow the TOP432DIP to process a variety of data formats. In the 8-bit Set mode, large data files can be distributed across multiple small memory devices. For example, a one-megabit data file can be programmed onto four 256Kbit PROMs. The 16-bit Set mode divides 16-bit data into two or four 8-bit files which can then be programmed into two or four PROMs. The 32-bit Set mode divides 32-bit data files into four 8-bit devices.



TOP84PLC

With its 84 pin drivers, this universal module allows you to program and test PLCC devices up to 84 pins using special inserts with 20, 28, 32, 44, 52, 68 and 84 pins.

With its standard gold-plated contacts, it is capable of handling 100,000 device insertions, making it the perfect tool for low-volume production engineering environments.

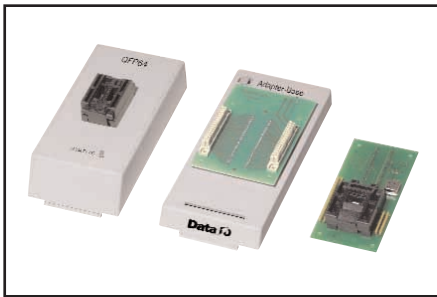


TOP3PLC / TOP44PLC / TOP68PLC

Three different PLCC TOPs are available for programming and testing PLCC devices up to 68 pins. For memory and logic devices in 44-pin PLCC/LCC packages, choose the TOP44PLC. For 68-pin PLCC/LCCs choose the TOP68PLC. The TOP3PLC includes three different sockets for programming and testing PLCC/LCC memory and logic devices with 20, 28, and 32 pins.



TOPS Production Adapters



Universal Adapter Base/Production Adapters

The universal adapter base supports all of our production adapters. All production adapters are encased to protect the PCBs against EMI.



Universal SOIC Production Adapter

This DIP-to-SOIC production adapter supports SOIC devices from 8 to 44 pins. An adjustable mechanism in the socket accommodates different package dimensions.



Additional Production Adapters

Production adapters are available for most any device package on the market including TSOPs, μ BGAs and QFPs. Custom-designed adapters are also an option.



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