

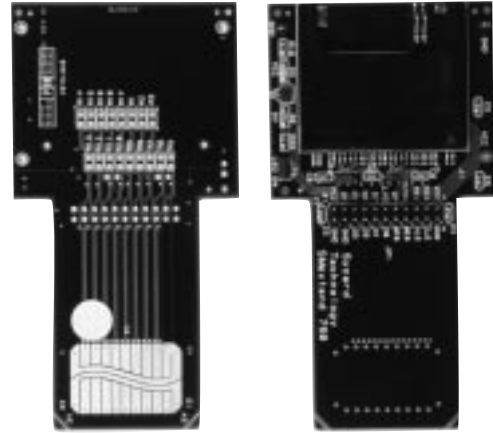


The SMextend 750 is a debug tool for the SmartMedia or SSFDC interface. SMextend allows a SmartMedia card to be extended from the host slot for full access to the 22 pin interface. SMextend 750 includes all the standard extender card features, including access to all signal/power pins, multiple layer design and support for both 3.3 or 5.0V cards and sockets.

All too often extender cards are the source of many signal integrity problems. SMextend 750 is designed to minimize the signal degradation effects of the extender by using proven design techniques. Separate Vcc and ground planes provide a low inductance path to the host's power supply. Crosstalk between long traces is minimized by grounding conductors between each signal.

Extender cards are often used to measure current consumption of a card. SMextend provides jumper blocks to isolate Vcc. Current measurements are as simple as inserting a series Amp meter. The jumper blocks also allow the user to power the extended card with a variable power supply for voltage margin testing.

The SMextend was designed with the engineer in mind. A clearly marked header allow probing of all 22 signal and power pins. Thoughtfully placed grounding posts provide a convenient place to ground a scope probe or analyzer. Dual LEDs indicate the status of Vcc. The LEDs will indicate if Vcc is at 3.3V or 5.0V. SMextend is constructed of high quality components for years of trouble free service.



Bottom View

Top View

### Key Features

- All 22 signal/power pins accessible
- Clearly labeled test points
- LEDs indicate 3.3V or 5V Vcc
- Vcc and ground test points
- Multiple layer design
- SMT pads for series resistors
- Vcc well bypassed for clean power
- High quality connector for long service life
- Headers isolate Vcc for current measurements



### Accessories Supplied

- SMextend 750 User's Manual

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### Mechanical Specifications

Width:	2.25"	Thickness:	0.46"	Availability:	Now
Length:	4.25"	Weight:	0.6 oz		