SYCARD TECHNOLOGY

Product Brief

SD extend 300
Secure Digital Extender Card

Overview

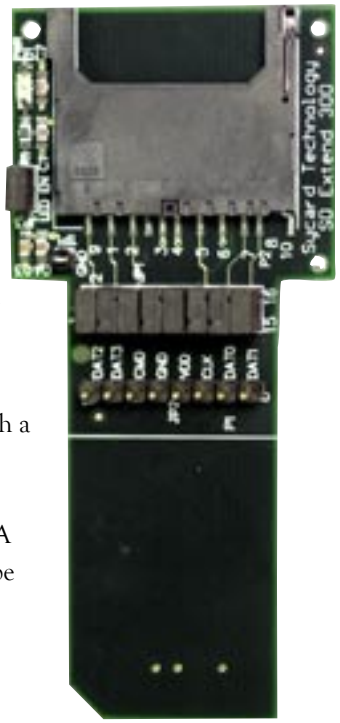
The SD extend 300 is a debug tool for the Secure Digital or SD Card. SD extend allows a Secure Digital card to be extended from the host slot for full access to the 9-pin interface.

All too often, extender cards are the source of many signal integrity problems. The SD extend 300 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.

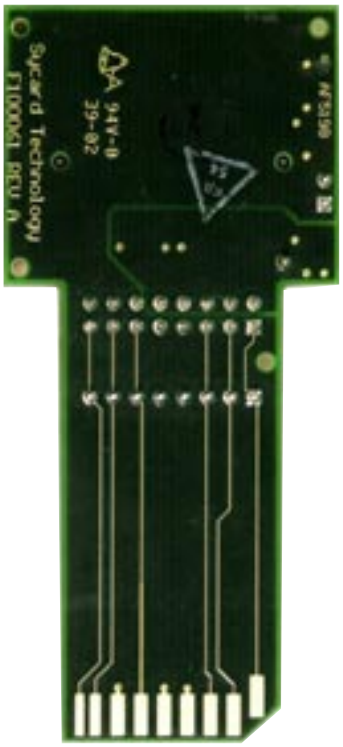
Extender cards are often used to measure current consumption of a card. SD extend provides jumper blocks to isolate Vcc and ground. Current measurements are as simple as inserting a series Amp meter. The jumper blocks also allow the user to power the extender card with a variable power supply for voltage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

The SD extend has been designed with the engineer in mind. A clearly marked header allows probing of all 9 signal and power pins. A ground test point provides a convenient place to ground a scope probe or logic analyzer. A LED indicates the status of Vcc. A row of jumper headers allows the user to isolate any signal or power trace.

SD extend is constructed of high quality components for years of trouble free service.



Front



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Key Features

- All signal and power pins brought out to test points
- Any signal can be isolated with jumper block
- Power and ground can be isolated for power measurements
- LED indicates power status
- Multiple layer board design
- Vcc bypassed for clean power
- Supports both normal and thin SD Memory cards
- High quality connectors for long service life

Mechanical Specfications

Width	1.45"	Weight	0.4 oz
Length	3.20"	Thickness	0.50" Max

Accessories Supplied

- User's Manual

Now Available

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