

SD Card Shield

SD card shield v1.1 is a Break out board for standard SD card and TF card. With flash memory card price dropping, it is the time to add mass storage and data logging to your project.

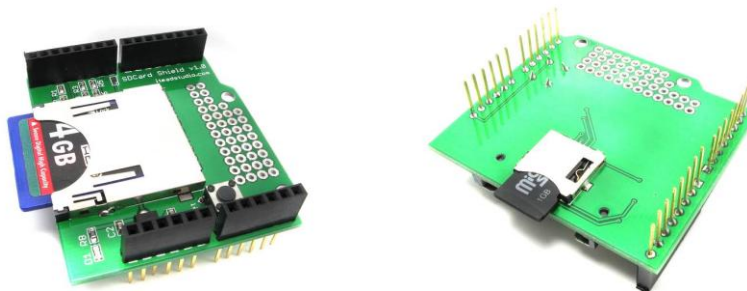


Overview

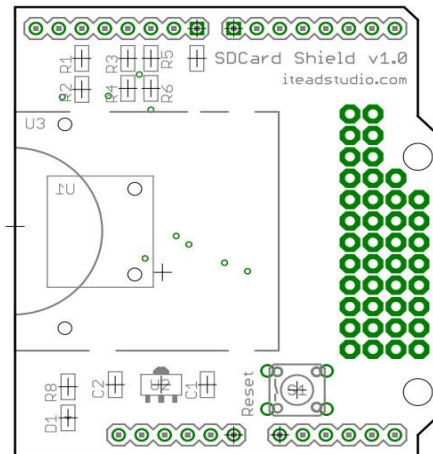
This SD card shield has both standard SD card and TF card adapter, but you just can use one of them at the same time. There are some prototype holds for user to expand their circuit on the shield.

Basic features

- Arduino compatible
- Stand SD card and TF card compatible
- Prototype expand
- Arduino footprint expand
- Arduino Library support



Hardware



Pin of Arduino	With SD Card	
5V	VCC → 3v3	
GND	GND	
D13	SD_CLK	-
D12	SD_OUT	-
D11	SD_IN	-
D10	SD_CS	-

Software

There is a readymade library for Arduino SD card logger, this project focus in just one simple functionality: logging data to a file in SD cards from Arduino boards.

<http://code.google.com/p/arduino-filelogger/>

Links and References

- ITead Studio Site: iteadstudio.com

- Google code project page: <http://code.google.com/p/arduino-filelogger/>

Revision History

Rev.	Description	Release date
v1.0	Initial version	08/16/2010