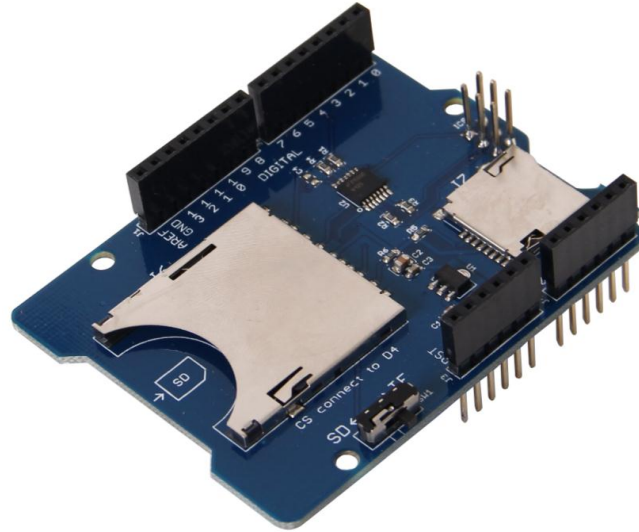


Logger Shield



Introduction:

Logger Shield will be very helpful when running out of memory space in your Arduino project. The Logger Shield adds mass-storage to your Arduino. The shield supports standard SD card and TF card, but you can only use one card at a time, there is a on-board switch for you to select the socket you want to use. The communication between the Arduino and memory card is achieved over SPI interface (digital 10-13), while the CS pin is Digital Pin 10. If you use SD library of Arduino IDE, make sure to change the code to reflect the location of the CS pin.

DO NOT install memory card into the socket while wired, the Logger Shield **does not** support hot plug.

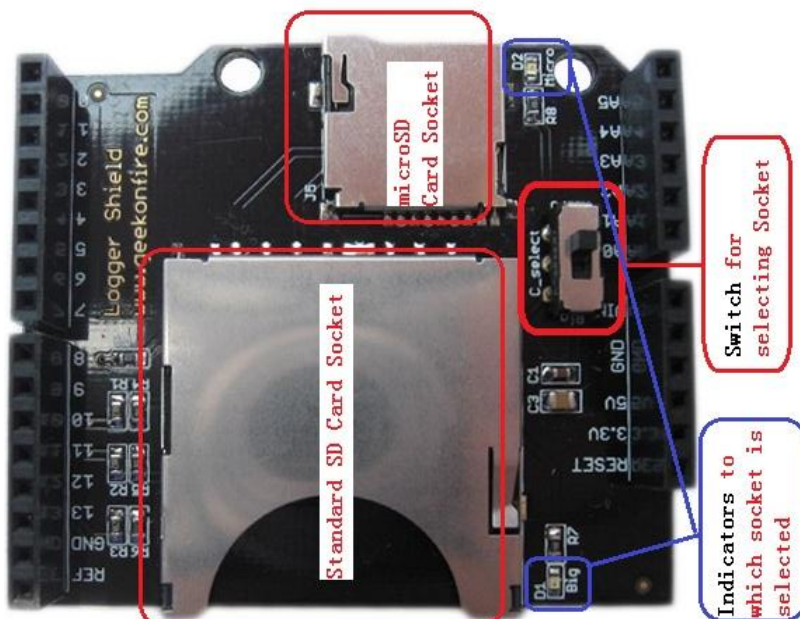
Features:

- Arduino compatible
- Standard SD card and TF card compatible
- Stackable

Specifications:

Item	Min	Typical	Max	Unit
Voltage	2.7	3.3	3.6	V
Current	0.159	40	200	mA
Supported Card Type	SD card(<=2G); Micro SD card(<=2G); SDHC card(<=16G)			/
Dimension	53.50x47.30x19.00			mm
Net Weight	12			g

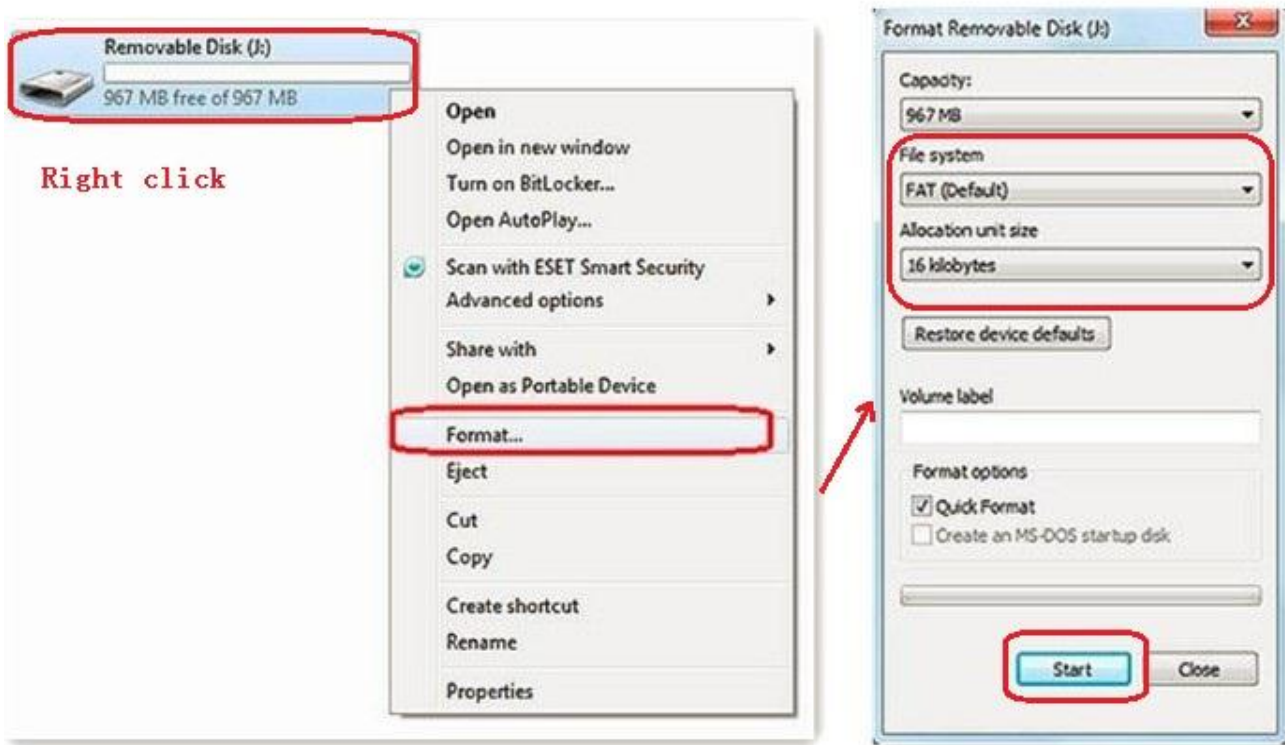
Hardware Diagram



Getting Started:

Preparation:

You have to have an SD card or micro SD card, and then format the SD card as FAT16 or FAT32 if it is necessary. Format the SD card as the screenshots below (win7):



Reading from and writing to SD cards on the Arduino



Made in China

EKT

Electronics Katrangi Trading