

## MICRO SD CARD MODULE TF CARD MEMORY SHIELD - SD STORAGE FOR ARDUINO

### Description:

The module (MicroSD Card Adapter) is a Micro SD card reader module, and the SPI interface via the file system driver, micro controller system to complete the Micro SD card read and write files. Users can directly use the Arduino IDE comes with an SD card to complete the library card initialization and read-write

### Features:

Support Micro SD Card, Micro SDHC card (high-speed card)

The level conversion circuit board that can interface level is 5V or 3.3V

Power supply is 4.5V ~ 5.5V, 3.3V voltage regulator circuit board

Communication interface is a standard SPI interface

4 M2 screw positioning holes for easy installation

Control Interface: A total of six pins (GND, VCC, MISO, MOSI, SCK, CS), GND to ground, VCC is the power supply, MISO, MOSI, SCK is the SPI bus, CS is the chip select signal pin;

3.3V regulator circuit: LDO regulator output 3.3V as level converter chip, Micro SD card supply

Level conversion circuit: Micro SD card into the direction of signals into 3.3V, MicroSD card toward the direction of the control interface MISO signal is also converted to 3.3V, general AVR microcontroller system can read the signal

Micro SD card connector: yes since the bomb deck for easy card insertion and removal

Positioning holes: 4 M2 screws positioning hole diameter of 2.2mm, the module is easy to install positioning, to achieve inter-module combination

#### **Mirco SD Card Interface Module:**

-Control Interface : A total of six pins (GND, VCC, MISO, MOSI, SCK, CS), GND to ground , VCC is the power supply , MISO, MOSI, SCK is SPI bus , CS is the chip select signal pin

3.3V voltage regulator circuit : LDO regulator output is 3.3V level converter chip , Micro SD card supply

Level conversion circuit : Micro SD card into the direction of the signal is converted to 3.3V, MicroSD card interfaces to control the direction of the MISO signal is also converted into 3.3V, general AVR microcontroller system can read the signal ;

Micro SD card connector : a self- bomb deck , easy card insertion .

Positioning holes : 4 M2 screws positioning hole diameter is 2.2mm, the positioning of the module is easy to install , to achieve inter- module combination.

### Instructions:

Here is the link 627kb zipped file.

<http://www.mantech.co.za/downloads/98778776PCS-170107.zip>

