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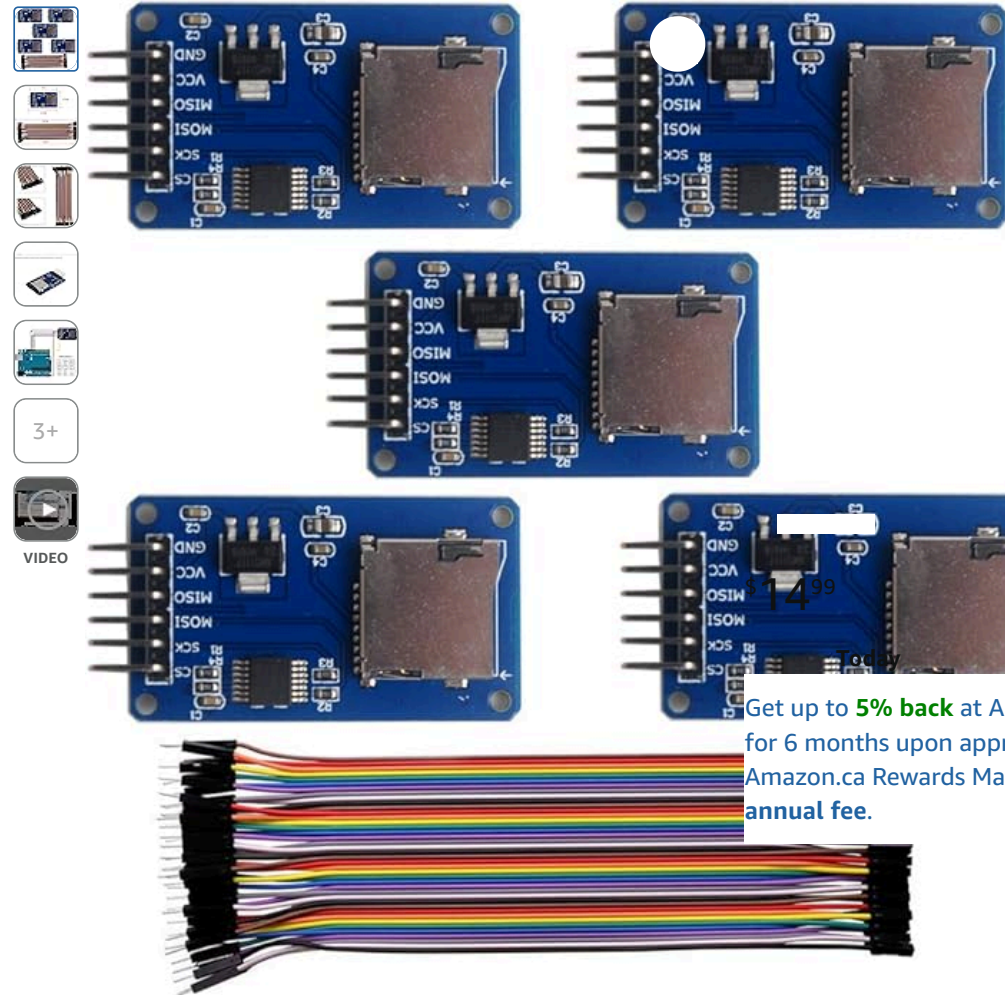
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Ask Rufus

What is the card reader module used for?

Does it work with Arduino?

What is the length of the cable?

Ask something else

through the SPI system and SPI interface driver, the MCU system can complete the reading and writing of files in the MicroSD card

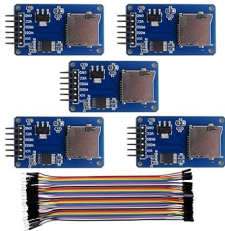
- ★ On-board level shifting circuit, interface level can be 5V. Power supply is 5V, onboard 5V regulator circuit. Communication interface is standard SPI interface
- ★ Positioning holes: 4 M2 screws positioning holes with a diameter of 2.2mm, so the module is easy to install positioning, to achieve inter-module combination
- ★ You can get 5 x SD card + 20cm 40 PCS Female to Male Dupont

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Cable Line. Function: SPI Reader  
mini SD Memory Card TF Memory  
Card Shield Module for Arduino

- ★The product documentation link cannot be displayed. If you need technical documentation, Please click “Geekstory” to con.tact us  
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## Product information

### Technical Details

Brand	Geekstory
Manufacturer	Geekstory
RAM memory technology	DDR3
OS	Raspberry Pi OS
Processor Brand	STMicroelectronics" or "NXP" or "Texas Instruments" or "Nvidia" or "Intel" or "AMD
Number of Processors	1
Hardware interface	MicroSD
Compatible Devices	Arduino, Raspberry Pi
Mounting Hardware	5 X micro sd card module, 1 X 40pcs Female to Male dupont cable
Batteries included	No
Batteries Required	No
Number of Ports	1
Connector Type	SPI
Media Type	Micro SD, SD Card
Includes rechargeable battery	No
Manufacturer	Geekstory
Product Dimensions	4.06 x 2.03 x 1.02 cm; 60 g

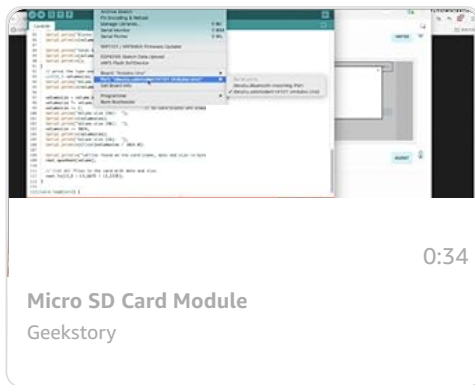
### Additional Information

Date First Available	Sept. 29 2019
Customer Reviews	4.2 <a href="#">(91)</a> 4.2 out of 5 stars
Best Sellers Rank	#209 in <a href="#">External Memory Card Readers</a>

### Feedback

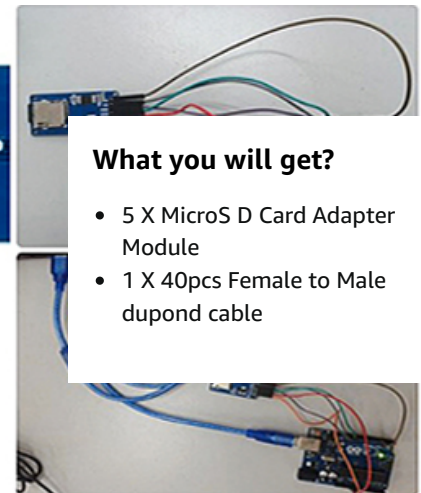
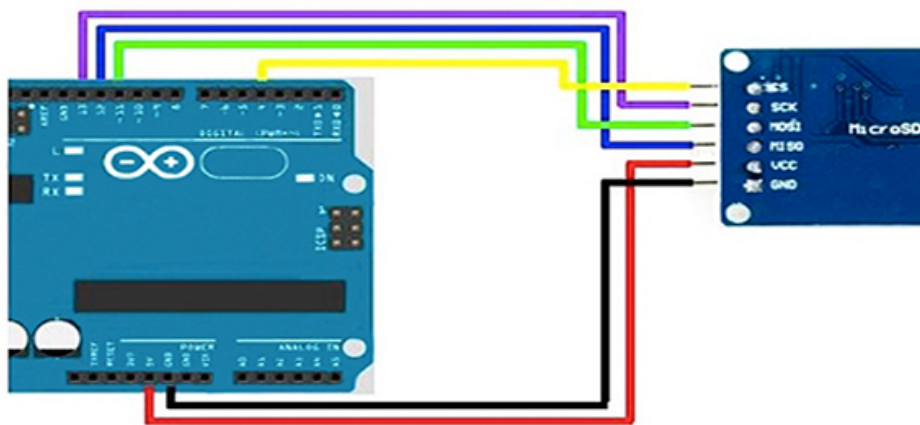
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## Videos for this product



## Product Description

# Geekstory



### What you will get?

- 5 X MicroSD Card Adapter Module
- 1 X 40pcs Female to Male dupond cable

### Pin and Connection

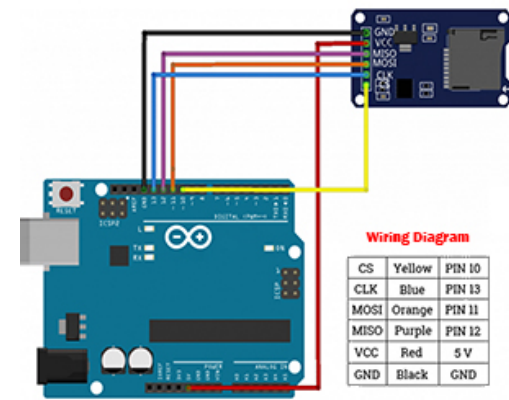
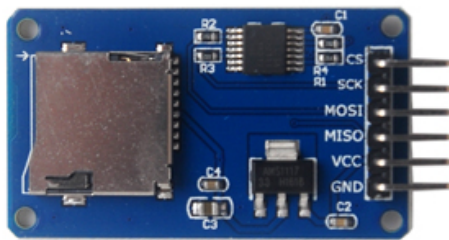
Control interface: a total of 6 pins (GND, VCC, MISO, MOSI, SCK, CS), GND is ground,

VCC is the power supply, MISO, MOSI, SCK is the SPI bus, CS is the chip select signal pin;

5V voltage regulator circuit: 5V of LDO regulated output is level conversion chip, Mi-cro SD card power supply;

Level shifting circuit: The signal to the direction of the Mi-cro SD card is converted to 5V,

and the MISO signal of the MicroSD card to the control interface is also converted to 5V.



## Product Description:

- Support Mi-cro SD card, mi-cro SDHC card
- Interface level: 5V
- Powr supply: 5V , 5V voltage regulator circuit board
- Currency: 0.2-200mA
- Communication interface: SPI

With 4 holes for M2 screw , it is easy to install

The module (MicroSD Card Adapter) is a Mi-cro SD card reading and writing module.

Through the file system and SPI interface driver, the MCU system can complete

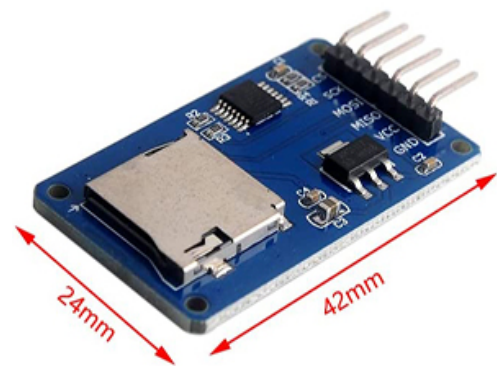
the reading and writing of files in the MicroSD card. Arduino users can directly

use the SD card library that comes with the Arduino IDE to initialize and read the card.

## 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.
- With 4 holes for M2 screw , it is easy to install.
- Communication interface is a standard SPI interface+.
- 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, easy to install positioning, to achieve inter-module combination.
- The module (MicroSD Card Adapter) is a Mi-cro SD card reading and writing module.
- Through the file system and SPI interface driver, the MCU system can complete the reading and writing of files in the MicroSD card. Arduino users can directly use the SD card library that comes with the Arduino IDE to initialize and read the card.

Size: 24mm×42mm×10mm



Looking for specific info?

Ask Rufus or search reviews and Q&A

- What is the card reader module used for?
- Does it work with Arduino?
- What is the length of the cable?
- Can it read high speed cards?
- Is it easy to install?

Customer reviews

4.2 out of 5

91 global ratings



How are ratings calculated?

Review this product

Share your thoughts with other customers

Write a customer review

Top reviews from Canada

AmazonCustomer

Works as it should

Reviewed in Canada on January 28, 2025

Verified Purchase

Bought these micro SD card modules for a couple of Arduino Nano data logging projects. The two I've used so far worked without issues and the included ribbon cable with Dupont connectors was handy for testing.

At 5V, the modules draw 4.3mA when idle, which was fine for my purposes, but would probably be too high for a low-power battery-operated setup. For those types of projects, using a 3.3V microcontroller and an SD card breakout board without a voltage regulator or level shifter IC would allow much smaller SD card idle current consumption (<0.1mA).

Helpful

Report

Stephane Joly

Good Buy

Reviewed in Canada on August 22, 2023

Verified Purchase

Received the item in an ESD bag (good thing). Having the option to use the breakout pins that came with it gave me lots of options. Items are sturdy and well soldered on. cable length is of normal length.

Helpful

Report

Vian

You get what you pay for

Reviewed in Canada on August 25, 2025

Verified Purchase

None of the 5 units had its header soldered straight. One of three tested units did not work.

Helpful

Report



Murray P.

**It works and arrived on time**

Reviewed in Canada on March 31, 2022

**Verified Purchase**

I am building a data logger and the part seems to be working well. Thanks.

Helpful

Report



Amazon Customer

**Good product**

Reviewed in Canada on March 31, 2022

**Verified Purchase**

Seems to only work with FAT32 formatted SD cards but works really well

Helpful

Report



Darwin Wandler

**great**

Reviewed in Canada on January 29, 2022

**Verified Purchase**

great

Helpful

Report



Mike A.

**Perfect!**

Reviewed in Canada on February 6, 2022

**Verified Purchase**

Work perfectly! Easy to setup. Use these with my Elegoo UNO R3. Fast delivery.

Helpful

Report

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[See more reviews >](#)

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## Top reviews from other countries



B Smooth

**This works with Arduino example code.**

Reviewed in the United States on October 18, 2021

**Verified Purchase**

I connected to Mega 2650 and defined my CS pin, works fine. MISO, MOSI and CK pins go to the hardware pins 50,51,52.

Report



Adam T. Miller

**they worked**

Reviewed in the United States on January 20, 2022

**Verified Purchase**

worked as expected

Report



cube1

**Works great and inexpensive, but I'd prefer Micro SD card slots that were not spring loaded**

Reviewed in the United States on July 4, 2021

**Verified Purchase**

Got these because I needed one for an Atmel based Retro IC Tester (you can find it by Google). It works fine, but because the mounting is vertical, the spring loaded micro SD card slot would be better as one of the simpler friction fit slots. Now all I have to do is figure out what I am going to do with the other 4 adapters and those nice patch cables. ;)

Report



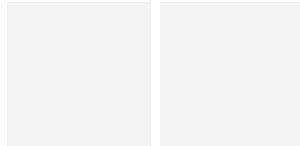
aviatorbj

**A fast SD card reader. Also reads SDHC.**

Reviewed in the United States on November 25, 2019

**Verified Purchase**

Works perfectly with Arduino Uno. Be sure to select CS, chip select = pin 4. Built-in sd demo in the Arduino IDE. SCK pin 13, MOSI pin 11, MISO pin 12 Vcc to 5v and gnd to gnd



Report



Jake Ekker

**Need to flash new bootloader before use!!!**

Reviewed in the United States on August 12, 2020

**Verified Purchase**

The nano boards work ok, after you reflash a new bootloader to them. I kept having arduino ide give me errors when uploading a sketch no matter what board or bootloader version I tried (old and new). Reflashed the bootloader and no more issues.

Report

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