

PRODUCT DATASHEET



microSD Card Reader Breakout

333050

Enable your Arduino to read and write data with this microSD Card Reader, supporting up to 32GB via SPI communication.

Full product documentation, files and tutorials: solde.red/333050

CORE ATTRIBUTES

SKU **333050**WEIGHT **7 g**BARCODE **732388672004**

DESCRIPTION

A module which enables the use of micro SD cards with Arduino via SPI communication. You can save various types of data on the SD card, create logs, read the information from it or perform various actions.

TECHNICAL DETAILS

- **Voltage:** 5V (3.3V onboard regulator)
- **Communication:** SPI
- **SD card max. capacity:** 32GB
- **Dimensions:** 38 × 22 mm / 1.5 × 0.9 inch

SPECIFICATIONS

INTERFACE	Spi
QWIIIC COMPATIBLE	No
BREADBOARD COMPATIBLE	Yes
SUPPLY VOLTAGE MIN V	5
SUPPLY VOLTAGE MAX V	5
LOGIC LEVEL	3V3 Or 5V

LINKS

Arduino Library

<https://github.com/SolderedElectronics/Soldered-SdFat-Arduino-Library>

Open Source Hardware Files	https://github.com/SolderedElectronics/MicroSD-breakout-hardware-design
Full Documentation	https://docs.soldered.com/microsd-reader/overview/
Arduino: Get Started	https://docs.soldered.com/microsd-reader/arduino/getting-started/
Hardware Details	https://docs.soldered.com/microsd-reader/hardware/
Arduino Library Documentation	https://docs.soldered.com/microsd-reader/arduino/initializing-the-SD-Card/
Pinout	https://cms.soldered.com/products/333050/media/333050_pinout-png_d405ee.svg

GALLERY

