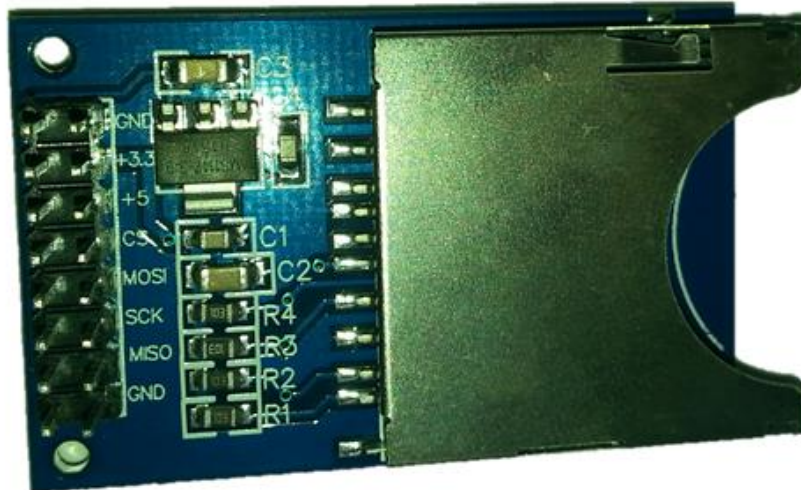


XC4386 SD Card Module

Libraries:

The SD Card Module does not require any external libraries to operate- the SD and SPI libraries are included with recent versions of the IDE.

Connections:



To connect to an Uno or Nano board, make the following connections:

Uno or Nano	SD Card Module	Function
+5	5V	Power
D4	CS	Chip Select
D11	MOSI	Data from Uno to Card
D13	SCK	Serial Clock
D12	MISO	Data from Card to Uno
GND	GND	Ground Connection

Because the SD card library uses the hardware SPI interface, the connections for MOSI, MISO and SCK are different for different boards and CS can usually be changed in the sketch. See <https://www.arduino.cc/en/reference/SPI> for which connections to use on other Arduino boards.

Code:

There are a few code examples for the SD library- see File>Examples>SD>CardInfo or File>Examples>SD>listfiles for basic examples which dump card data to the serial port. These sketches also require a FAT16 or FAT32 formatted SD card to be in the slot to work.