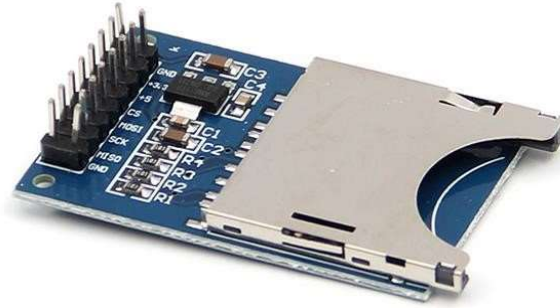


Arduino SD Card Module User Manual



Example Code:

```
#include <SD.h>      const
int chipSelect = 4; void
setup()
{
  Serial.begin(9600);
  Serial.print("Initializing SD card...");
  // make sure that the default chip select pin is set to
  // output, even if you don't use it:
  pinMode(10, OUTPUT);

  // see if the card is present and can be initialized:
  if (!SD.begin(chipSelect)) {
    Serial.println("Card failed, or not present");
    // don't do anything more:
    return;
  }
  Serial.println("card initialized.");
} void
loop()
{
  // make a string for assembling the data to log:
  String dataString = "";
  // read three sensors and append to the string:
  for (int analogPin = 0; analogPin < 3; analogPin++) {
    int sensor = analogRead(analogPin);  dataString
    += String(sensor);
    if (analogPin < 2) {
```

```
    dataString += ",";
  }
}
File dataFile = SD.open("datalog.txt", FILE_WRITE);
if (dataFile) {
  dataFile.println(dataString);
  dataFile.close();
  Serial.println(dataString);
}
else {
  Serial.println("error opening datalog.txt");
}
}
```