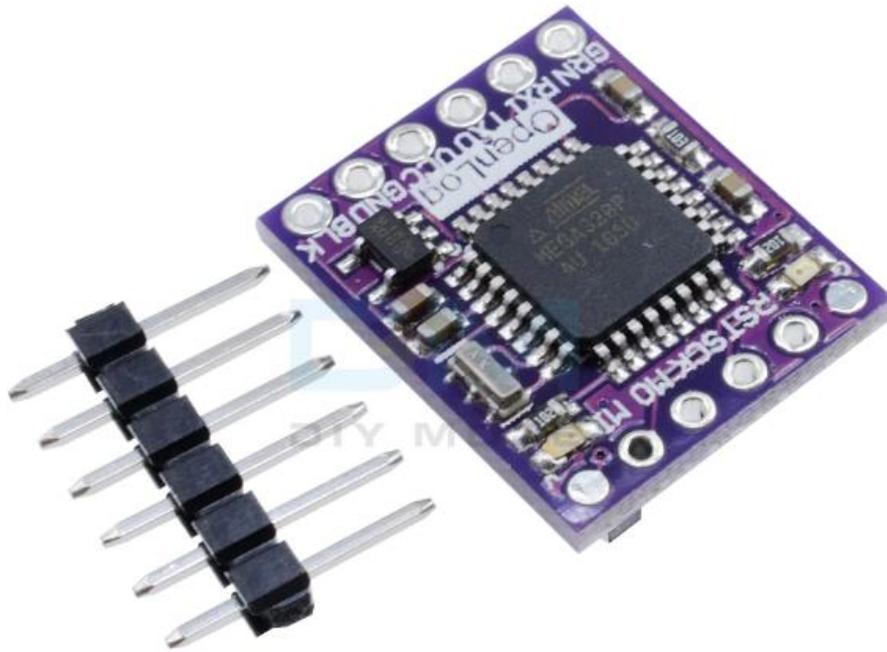


## Open source serial data logger, Micro SD ATmega328, compatible with Arduino



### Product Description

The open logger is an open source data logger that works on a simple serial connection and supports microSD cards up to 64 GB. The Open logg can store or "Register" large amounts of data in series and serve as a black box to store all the data in series generated by your project, for scientific or debugging purposes.

The Open logg works with an integrated ATmega328, running at 16 MHz thanks to the integrated glass. Open logg draws 6 mA when recording a 512-byte buffer, but since that process takes a fraction of a second, the average current drawing is closer to 5 mA. Keep in mind that if you are recording a constant data flow at 115200bps, you will approach that 6mA limit. All data that has been recorded on the microSD card is stored on the microSD card that includes the features of 64 MB to 64 GB and the file type FAT16 or FAT32.

Note: The latest firmware version (included with this board) is not compiled for Arduino 1.6.7. You will have to compile in 1.6.5.

### Characteristics:

VDC input: 3.3V-12V (recommended 3.3V-5V)  
Sign in to low cost FAT16 / 32 microSD cards up to 64 GB  
Simple command interface  
Configurable memory rates (up to 115200bps)  
Preprogrammed ATmega328 and bootloader  
Four SPI Pines by POGO  
Two LEDs indicate write status  
2 mA of inactivity, 6 mA at maximum recording speed

Graphite crucible mini furnace gold torch metal melting:

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