

RB-Spa-944

MicroView OLED Arduino Compatible Microcontroller



The MicroView is the first chip-sized Arduino compatible module that lets you see what your Arduino is thinking using a built-in OLED display. With the on-board 64x48 pixel OLED, you can use the MicroView to display sensor data, emails, pin status, and more. It also fits nicely into a breadboard to make prototyping easy. The MicroView also has a full-featured Arduino library to make programming the module easy. In the heart of MicroView there is ATMEL's ATmega328P, 5V & 3.3V LDO and a 64x48 pixel OLED display, together with other passive components that allow the MicroView to operate without any external components other than a power supply. Additionally, the MicroView is 100% code compatible with Arduino Uno (ATmega328P version), meaning the code that runs on an Arduino Uno will also be able to run on the MicroView if the IO pins used in the code are externally exposed on the MicroView.

Note: The MicroView programmer is sold separately. Check the recommended products below. Also, unlike the Kickstarter campaign, this does not come with the breadboard and USB cable. You only get the bare module.

Features:

- 64x48 Pixel OLED Display
- ATmega328P
- 3.3V - 16V DC Input
- 12 Digital I/O Pins (3 PWM)
- 6 Analog Inputs
- Breadboard Friendly DIP Package
- 32KB Flash Memory
- Arduino IDE 1.0+ Compatible