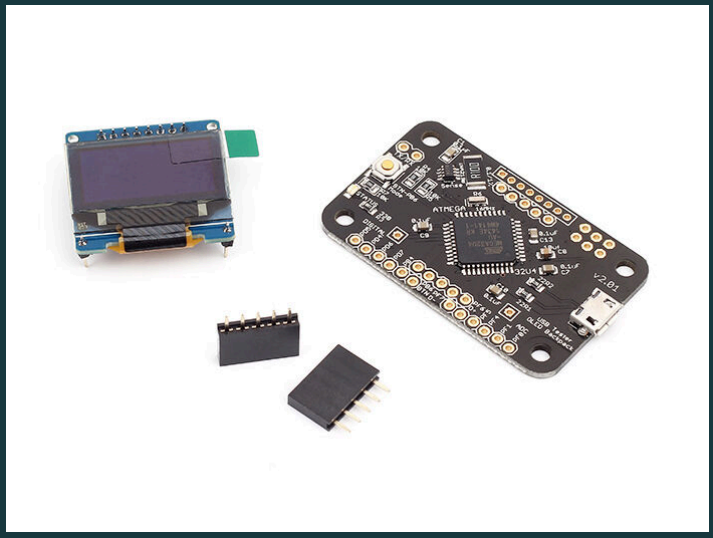
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INDUSTRIAL PRODUCT DATASHEET

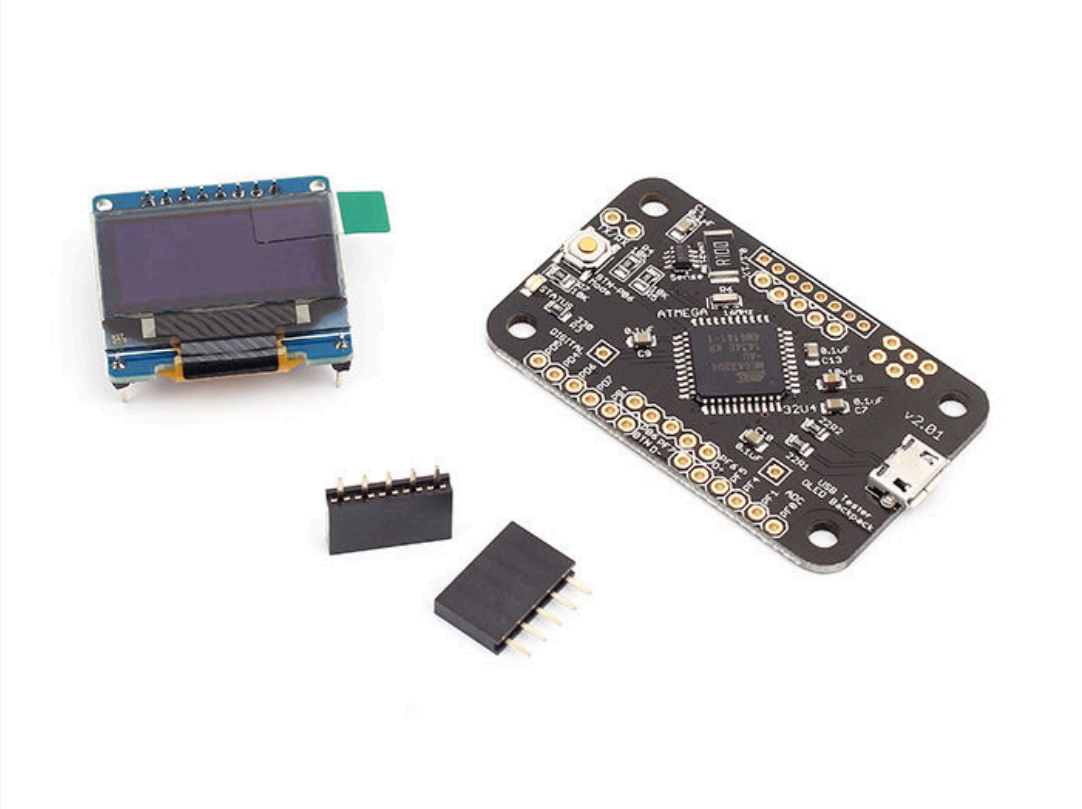
USB Tester - Backpack 2.0 with OLED

USB Tester - Backpack 2.0 with OLED: Inline monitor for USB voltage, current, and data logging.

SKU	UPDATED	PRICE
109990069	2024-08-09 02:02:22	$49.00(Excl. VAT)



Overview



The USB Tester - Backpack 2.0 with OLED monitors voltage and current of USB devices by inserting inline between the device and power source. It features a 128x64 OLED display, data logging via computer, and firmware with mWh/mAh tracking and JSON serial output.

Key Features

The new USB Tester Backback 2.0 brings many new features to the already very useful tool. We have worked hard over the recent months to bring most of the many requested features.

The USB Tester makes it easy to monitor the current and voltage of any USB device. It is inserted inline between your USB device and your power source or computer. This allows you to make sure you are getting a true 5V and to read how much power your projectdevice is using. For example, you can check which charger/cable allows your phone to charge the fastest. The base can be used with a Digital Multi Meter or with the Backpack, you can see the readout directly on the display. The default mode shows a graph of current usage, with the button cycling through the different modes.

The OLED Backpack can connect to a computer either using the **Java app** or the **wizkers.io Chrome app**. Both can graph and log the data which can be export as a CSV file. Wizkers is easier to setup and can handle firmware updates.

Features:

- Micro USB
- Button Location on the front left
- 128x64 OLED Display
- Voltage monitoring of the USB Data lines
- Easier access to almost all the extra GPIO's
- Separated voltage test points (Easier to attach test clips and avoid misplacing jumper)
- Standard Dual Banana spacing 0.75in
- Standard test probe sized test points

Firmware Features：

- Peaks
- mWh and mAh tracking
- Bar Graph of volts, watts and current
- JSON for serial communications

Java App：

- Uses JSON over serial
- Save as CSV
- View max,min,avg on each graph

Specification:

OLED

- .96in
- 128x64
- SPI
- Supply: 4.5v-5.5v

- I/O: 3.2v-5.5
- 8 Pin
- PCB: 26.7mm x 25.4mm
- Monochrome (WHITE)
- Display Mode: Passive Matrix
- Drive Duty: 1/64 Duty
- Active Area: 21.744 x 10.864 (mm)
- Pixel Size: 0.154 x 0.154 (mm)
- Pixel Pitch: 0.17 x 0.17 (mm)
- 2.0mm pitch (Might be breadboardable if you bend the pins out)(same pitch as Xbee)

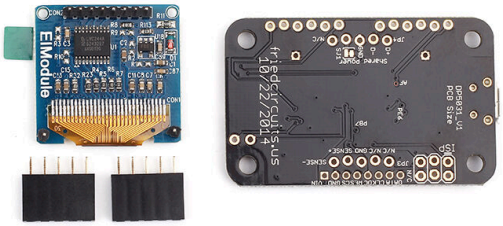
Documents

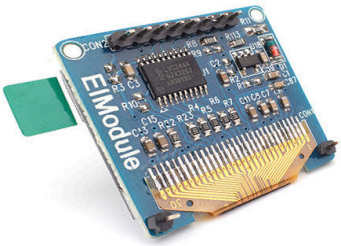
GiHub

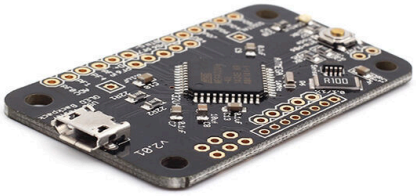
If you have any questions, feel free to send us an **email** to service.

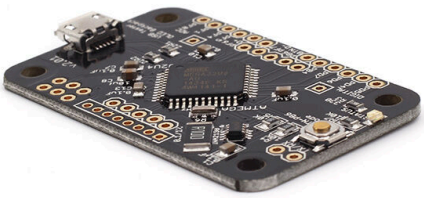
For any technical support or suggestion, please kindly go to our **forum.**

Product Gallery









Compliance & Logistics

HSCODE

Resource Links

- https://www.seeedstudio.com/USB-Tester-Backpack-2-0-with-OLED-p-2327.html

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