MicroMod Weather Carrier Board
Subtitle
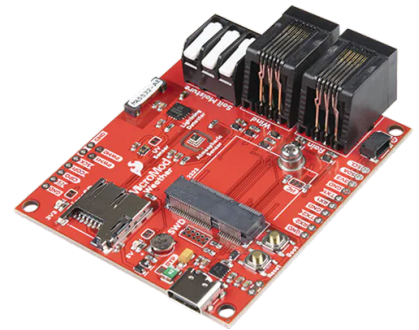
Product Overview
12-01-2021
For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

SparkFun MicroMod Weather Carrier Board is a peripheral for the MicroMod ecosystem that allows users to create their own weather station with one of a multitude of processors. The carrier board features BME280 temperature sensor, pressure and humidity sensor, and VEML6075 UV sensor and the AS3935 lightning detector.

This board also features a 3-pin latch terminal to add an external soil moisture sensor as well as a pair RJ11 jacks to plug in the wind and rain sensors included with Weather Meter Kit. The weather carrier board offers a MicroSD card slot so users can plug in an SD card to log all of that glorious weather data using the MicroMod processor of user's choice.

Features

- BME280 barometric pressure/humidity/temperature sensor:
  - Operated in I^2C mode
  - 0x77 I^2C address
- VEML6075 UV light sensor:
  - 0x10 I^2C address
- AS3935 lightning detector:
  - Operated in SPI mode
- 2 x RJ11 connectors to connect wind/rain sensors
- 3-pin latch terminal to connect soil moisture sensor

Mouser Part Number

View Part

To learn more, visit
https://www.mouser.com/new/sparkfun/sparkfun-micromod-weather-carrier-board/