



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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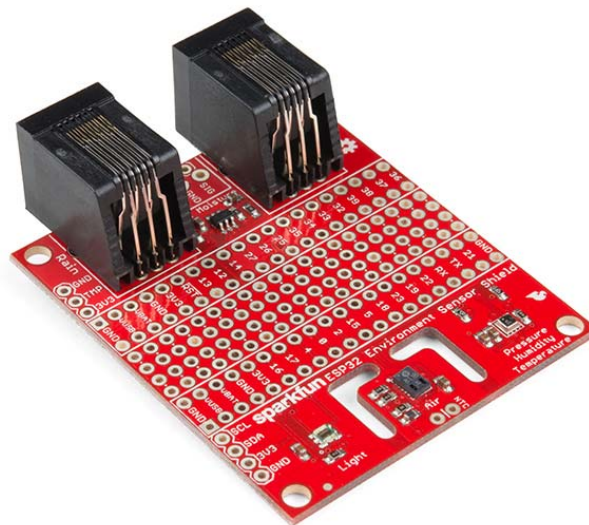
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SparkFun ESP32 Thing Environment Sensor Shield

DEV-14153



Description: The SparkFun ESP32 Thing Environment Sensor Shield provides sensors and hookups for monitoring environmental conditions. While incorporating three sensors capable of measuring five different environmental variables as well as providing connections for several other sensors, this sensor shield creates the best way to make your ESP32 Thing more accurate than your local weatherman! By simply soldering on a few headers as well as an optional 3-pin screw terminal, your ESP32 Thing Environment Sensor Shield will be ready to detect any type of weather you need.

The ESP32 Thing Environment Sensor Shield utilizes the BME280 pressure/humidity/temperature sensor, the CCS811 air quality sensor and the APDS-9301 ambient light sensor — using each corresponding Arduino library. In addition to the onboard sensors, the environment sensor shield has been equipped with two RJ11 connectors for wind and rain detection and measurement, as well as optional pins for external temperature readings and our soil moisture sensor. There is even a prototyping area underneath where the ESP32 Thing is installed so you can add your own additions to the shield!

Features:

- Pressure/Humidity/Temperature Sensor — BME280
- Air Quality — CCS811
- Ambient Light — APDS-9301
- Compatible with the ESP32 Thing

