

Azam's Project Page

TTGO LoRa32 OLED V1



Important: Please notice that we are using **Version 1** or the TTGO LoRa32 module!

The **TTGO LoRa32 OLED V1 module** is based on the ESP32 microcontroller. The ESP32 itself is capable of communicating via WIFI as well as BLE (Bluetooth low energy). The latter can be used to communicate directly with a smartphone. This TTGO module is further equipped with a LoRa transceiver (SX1276, (868/915 MHz)) to provide an additional communication channel. Furthermore it has a nice OLED display to communicate with humans.

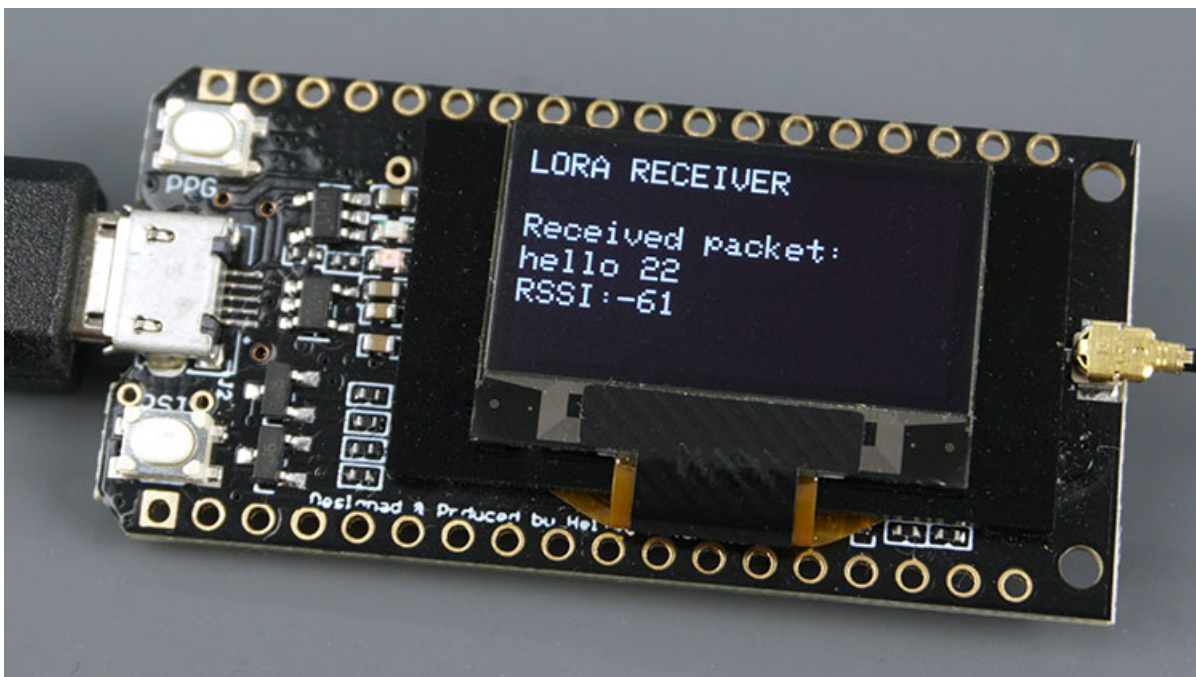


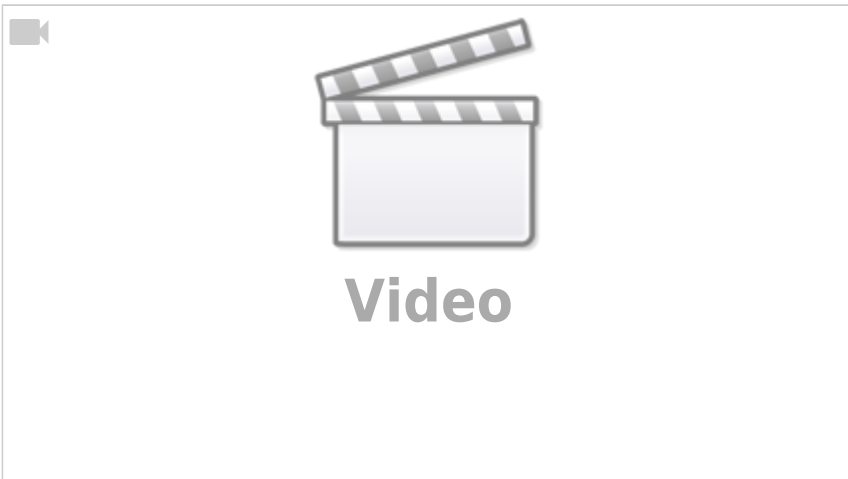
Fig.: TTGO LoRa32 OLED **V1**.

Image Source: [RandomNerdTutorials](#)

Mount the TTGO LoRa32 V1 module on a breadboard



Read analog potentiometer voltages with TTGO LoRa32 V1



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