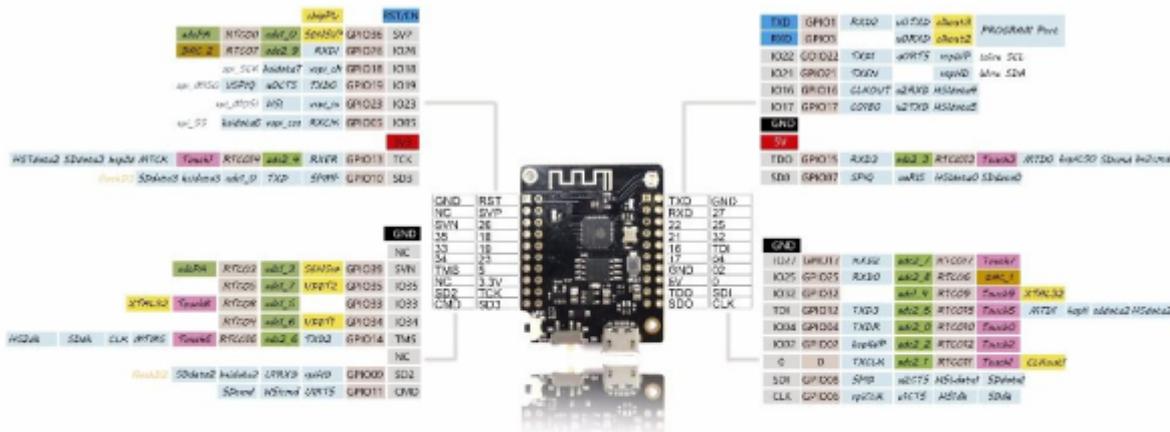


# Contador Personas

- Basado en proyecto → <https://github.com/cyberman54/ESP32-Paxcounter>
- LILYGO® TTGO MINI 32 V2.0 ESP32 WiFi bluetooth Module



WiFi + Bluetooth Board  
4MB Flash MINI 32 v2.0

**Power**  
ESP32 VCC range: 2.2V-3.6V  
VBAT: direct to battery (and charger)  
VUSB: direct to USB (5V)  
VCC: Output of regulator 3.3V/600mA  
Up to 250mA during RF transmissions

**Wireless**  
Wifi: 802.11 b/g/n/e/i  
WPA/WPA2/WPA2-Enterprise/SPS  
Bluetooth: Bluetooth 4.2/BLE

**ESP32**  
Dual-core Xtensa 32-bit LX6  
Up to 240MHz  
520kB internal SRAM  
4MB external flash

**Multiplexed I/Os allow up to**  
18 ADC channels  
3 SPI interfaces  
3 UART interfaces  
2 I2C interfaces  
2 I2S interfaces  
16 LED PWM outputs  
2 DACs  
10 Capacitive Touch Inputs

**ADC Preamp**  
GPIO pins 36, 37, 38, and 39 are able to be used as a low noise analog pre-amplifier

**Other\***  
Hall Sensor  
Temp sensor (-40C to 125C)  
SD/SDI/MMC Host Controller  
CAN Bus

\*On additional, but may not be supported yet

Name	Color	Function
Power	Red	ADC
Wireless	Blue	DAC
GND	Black	SPI
Control	Yellow	UART
Arduino	Green	Touch
GPIO	Purple	Misc

\*GPIO: Port Input Only  
\*ADC: Pre-amplifier ADC  
GPIO 3.3V tolerant only

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