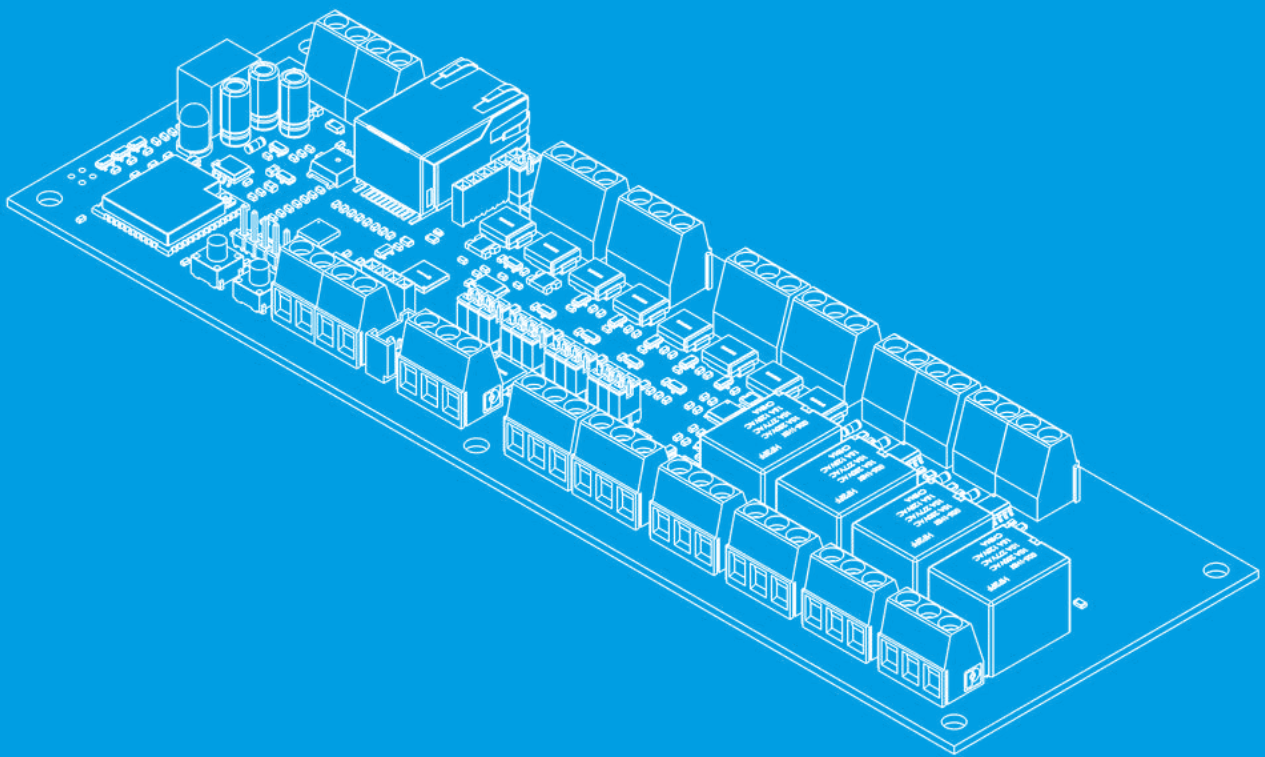


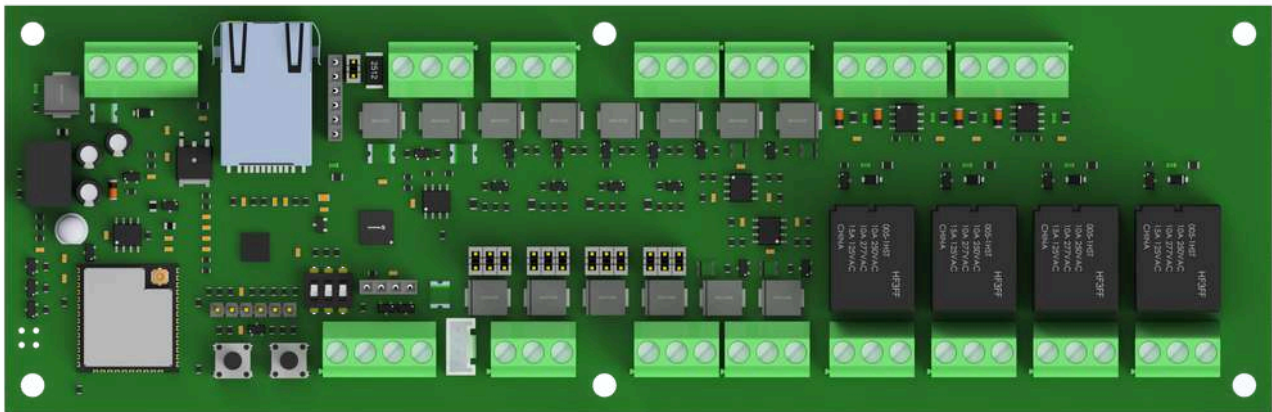


# Gateway IoT - Full



**trackle**  
your iot formula

# Overview



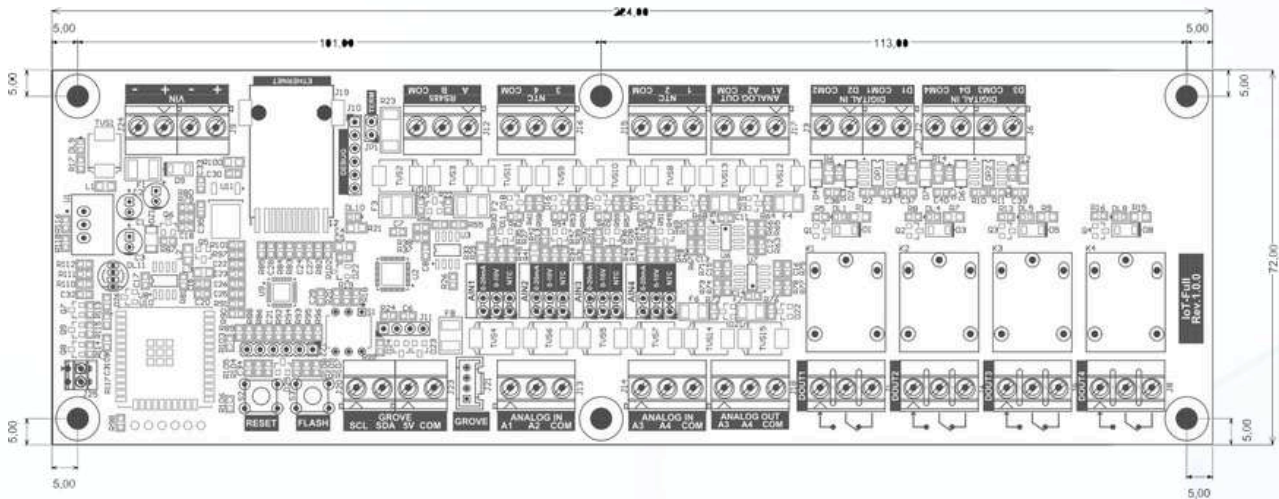
Unlock the power of IoT with IoT Full, a cutting-edge device designed to meet your connectivity and automation needs. Packed with advanced features and built on a foundation of robust specifications, IoT Full is your gateway to a smarter and more efficient future.

At the heart of IoT Full lies the ESP32-WROOM-32E/UE CPU, ensuring lightning-fast data processing and seamless connectivity. With a minimum of 4MB Flash storage, IoT Full offers plenty of room for data storage and firmware updates. It also features multiple communication types such as Wi-Fi, Bluetooth and Ethernet.

IoT Full doesn't shy away from industrial applications. With 1x RS485 Half Duplex port that's ESD protected and supports Modbus RTU, it's your perfect choice for industrial automation and control systems.

IoT Full offers a wide range of digital and analog I/O options, user-programmable buttons and an RGB LED for easy interaction and status indication, making it a breeze to operate and monitor.

# Physical specification



<b>CPU</b>	ESP32-WROOM-32E/UE
<b>Memory</b>	520KB SRAM
<b>Storage</b>	At least 4MB Flash
<b>Communication</b>	Wi-Fi 802.11b/g/n 2.4Ghz -- Bluetooth V4.2 BR/EDR, BLE -- Ethernet
<b>RS485</b>	1x RS485 Half Duplex ESD protected (Modbus RTU supported)
<b>Digital output</b>	4x relay 10A 240VAC
<b>Digital input</b>	4x optoisolated
<b>Analog output</b>	4x 0-10V
<b>Analog Input</b>	4x configurable (0-20ma, 0-10V, NTC)
<b>NTC input</b>	4x NTC 10k
<b>Groove</b>	1x groove connector + 4 pin terminal block
<b>Button</b>	2x user-programmable button
<b>LED</b>	1x RGB
<b>Power supply</b>	12 to 32Vdc with Polarity Protection
<b>Size</b>	180 x 72 mm





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