



Product Catalog

Creative and Innovative



July 2025

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Tarangify T-LORA-R01 | Long-Range Ultrasonic Node with LoRa (RAK3172)

- Smart Overheat Protection
- LoRaWAN Connectivity
- USB to TTL Converter
- Solar Charging
- Temperature & Humidity Sensing
- Battery
- Voltage Monitoring
- Multiple Communication Interfaces
- Flexible Sensor Input
- Low Power Consumption
- Compact Form Factor
- Environment Factor



LoRa
LPWAN



Solar
Powered



Weather
Resistant



Overheat
Protection



Long
Battery Life



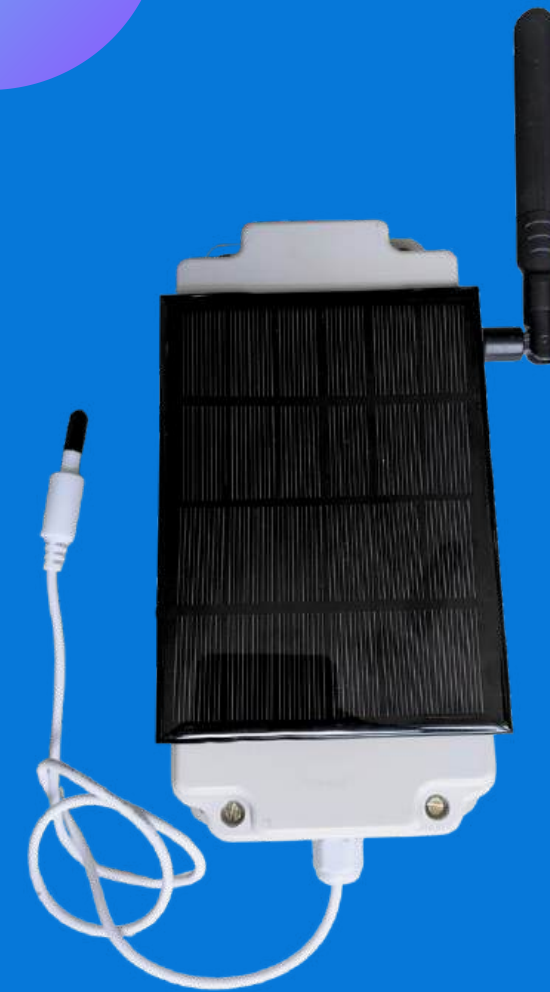
Real-time
Data



Easy Installation



Maintenance-Free



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Tarangify T-LORA-TDS01 | Long-Range Analog TDS Node with LoRa (RAK3172)

- Smart Overheat Protection
- LoRaWAN Connectivity
- USB to TTL Converter
- Solar Charging
- Temperature & Humidity Sensing
- Battery
- Voltage Monitoring
- Multiple Communication Interfaces
- Flexible Sensor Input
- Low Power Consumption
- Compact Form Factor
- Environment Factor



LoRa
LPWAN



Solar
Powered



Weather
Resistant



Overheat
Protection



Long
Battery Life



Real-time
Data



Easy Installation



Maintenance-Free



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Tarangify T-LORA-T01 | Long-Range Temperature Node with LoRa (RAK3172)

- Smart Overheat Protection
- LoRaWAN Connectivity
- USB to TTL Converter
- Solar Charging
- Temperature & Humidity Sensing
- Battery
- Voltage Monitoring
- Multiple Communication Interfaces
- Flexible Sensor Input
- Low Power Consumption
- Compact Form Factor
- Environment Factor



LoRa
LPWAN



Solar
Powered



Weather
Resistant



Overheat
Protection



Long
Battery Life



Real-time
Data



Easy Installation



Maintenance-Free



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Tarangify T-LORA-SM01 | Long-Range Soil Moisture Node with LoRa (RAK3172)

- Smart Overheat Protection
- LoRaWAN Connectivity
- USB to TTL Converter
- Solar Charging
- Temperature & Humidity Sensing
- Battery
- Voltage Monitoring
- Multiple Communication Interfaces
- Flexible Sensor Input
- Low Power Consumption
- Compact Form Factor
- Environment Factor



LoRa
LPWAN



Solar
Powered



Weather
Resistant



Overheat
Protection



Long
Battery Life



Real-time
Data



Easy Installation



Maintenance-Free



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Tarangify T-LORA-FS01 | Long-Range Float Switch Node with LoRa (RAK3172)

- Smart Overheat Protection
- LoRaWAN Connectivity
- USB to TTL Converter
- Solar Charging
- Temperature & Humidity Sensing
- Battery
- Voltage Monitoring
- Multiple Communication Interfaces
- Flexible Sensor Input
- Low Power Consumption
- Compact Form Factor
- Environment Factor



LoRa
LPWAN



Solar
Powered



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Overheat
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Long
Battery Life



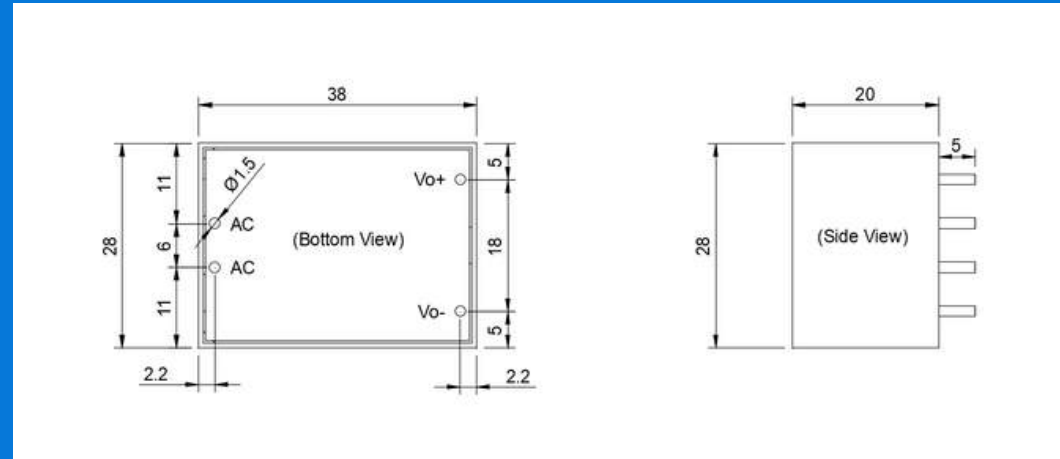
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Data



Easy Installation



Maintenance-Free



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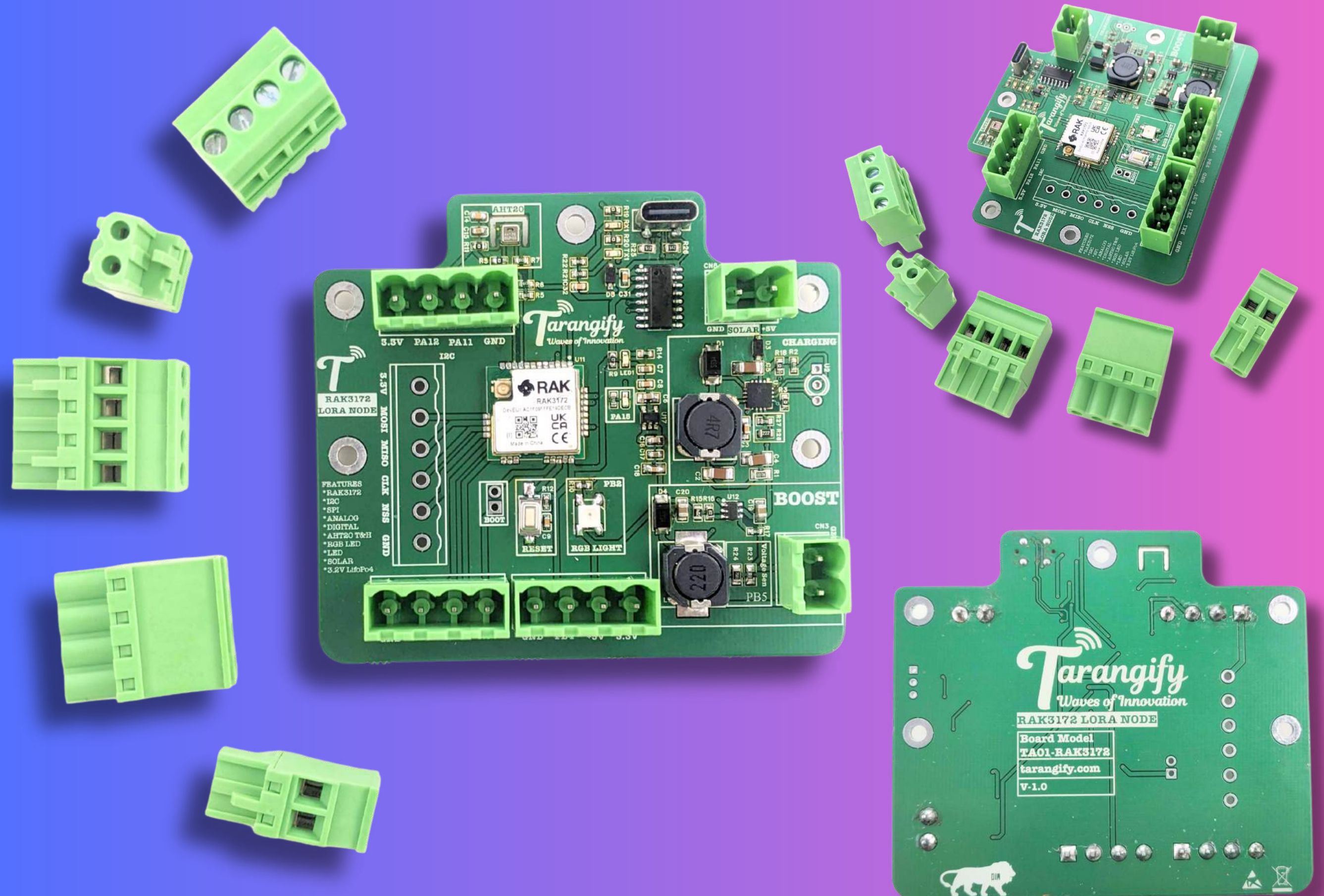
Tarangify T-5V5W AC-DC SMPS Power Module

- Input Voltage Range: 150–265V AC
- Output Voltage: 5V DC
- Maximum Output Power: 5W
- Output Current: Up to 1200mA
- High conversion efficiency and low standby power
- Compact size: 38mm x 28mm x 20mm
- Fully isolated and potted design
- Built-in over-voltage, over-current
- Short-circuit protection
- Available in Matte Black
- Through-hole mounting (4 pins)

Tarangify LoRa Sensor Module | RAK3172 for IoT & Remote Monitoring

Features

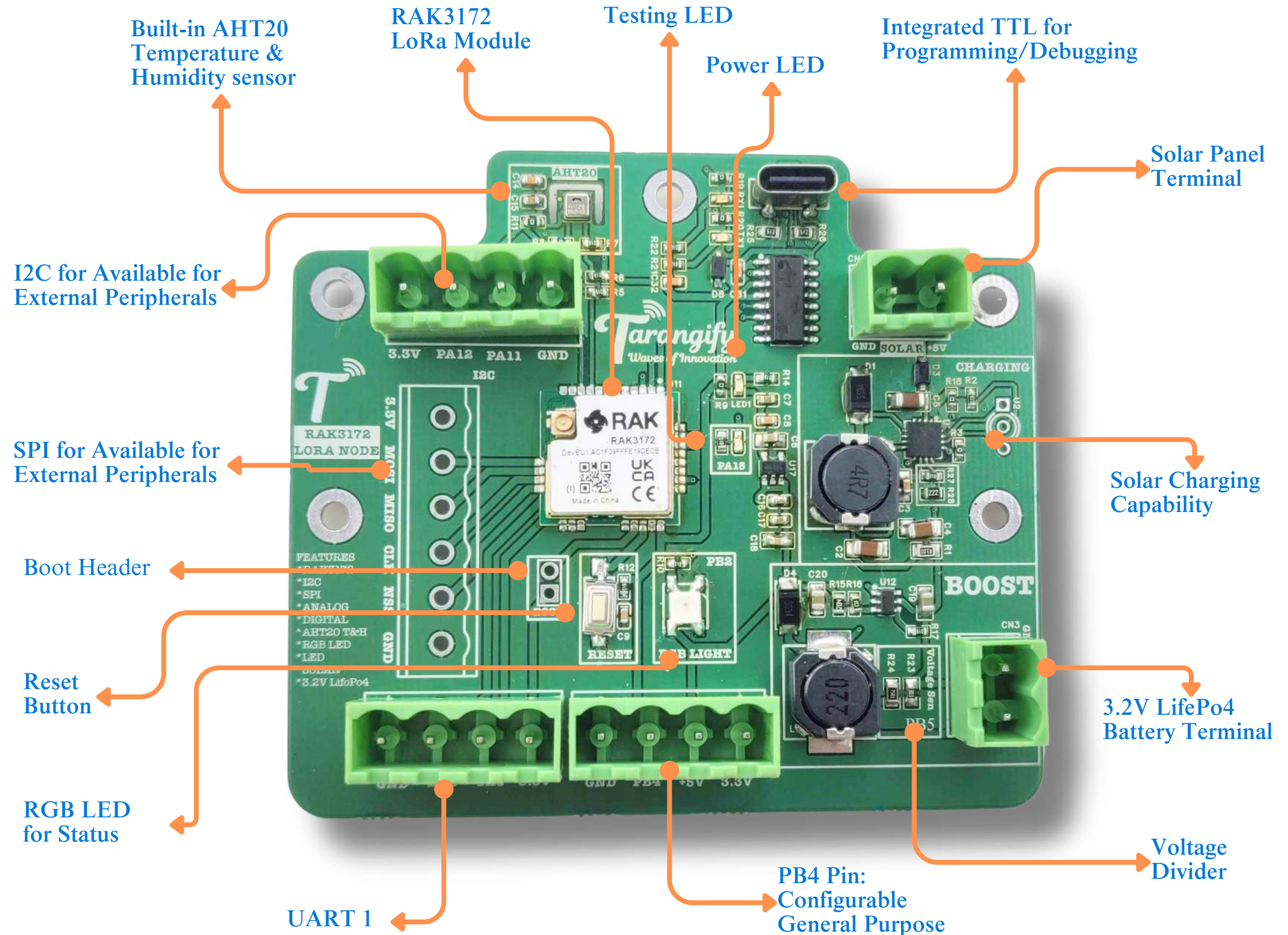
- Smart Overheat Protection:
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- USB to TTL Converter
- Solar Charging
- Temperature & Humidity Sensing
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Tarangify LoRa Sensor Module | RAK3172 for IoT & Remote Monitoring

Features

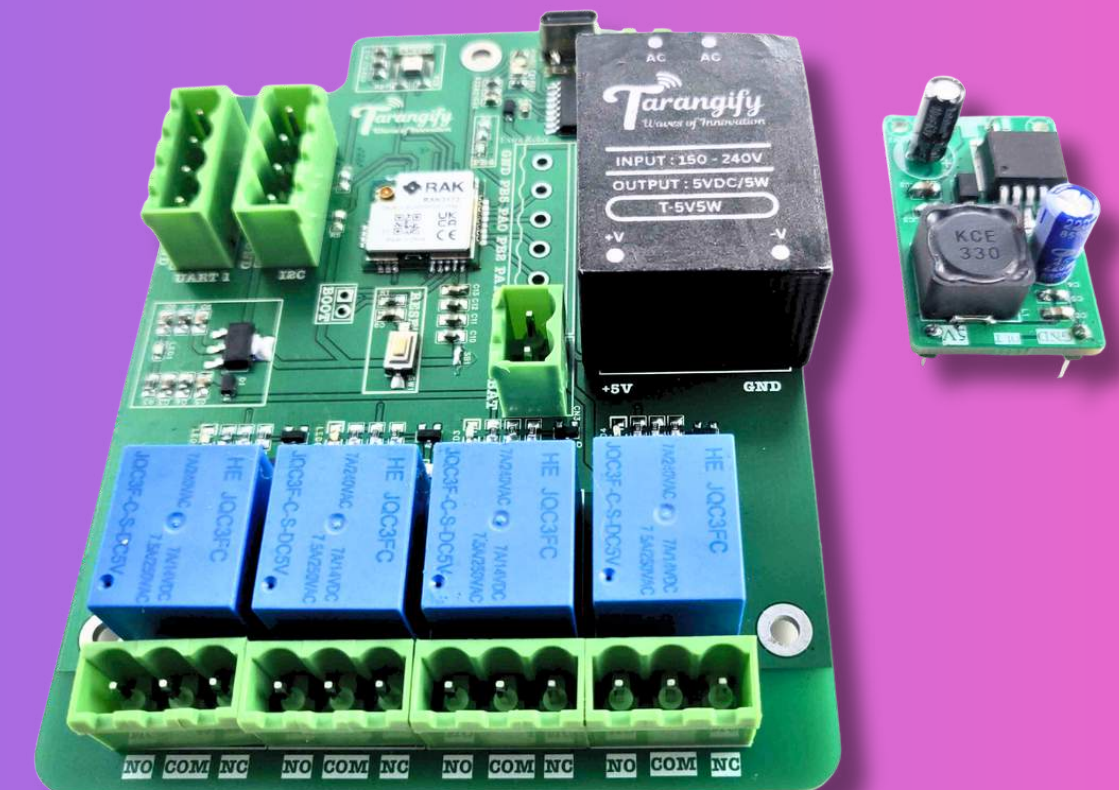
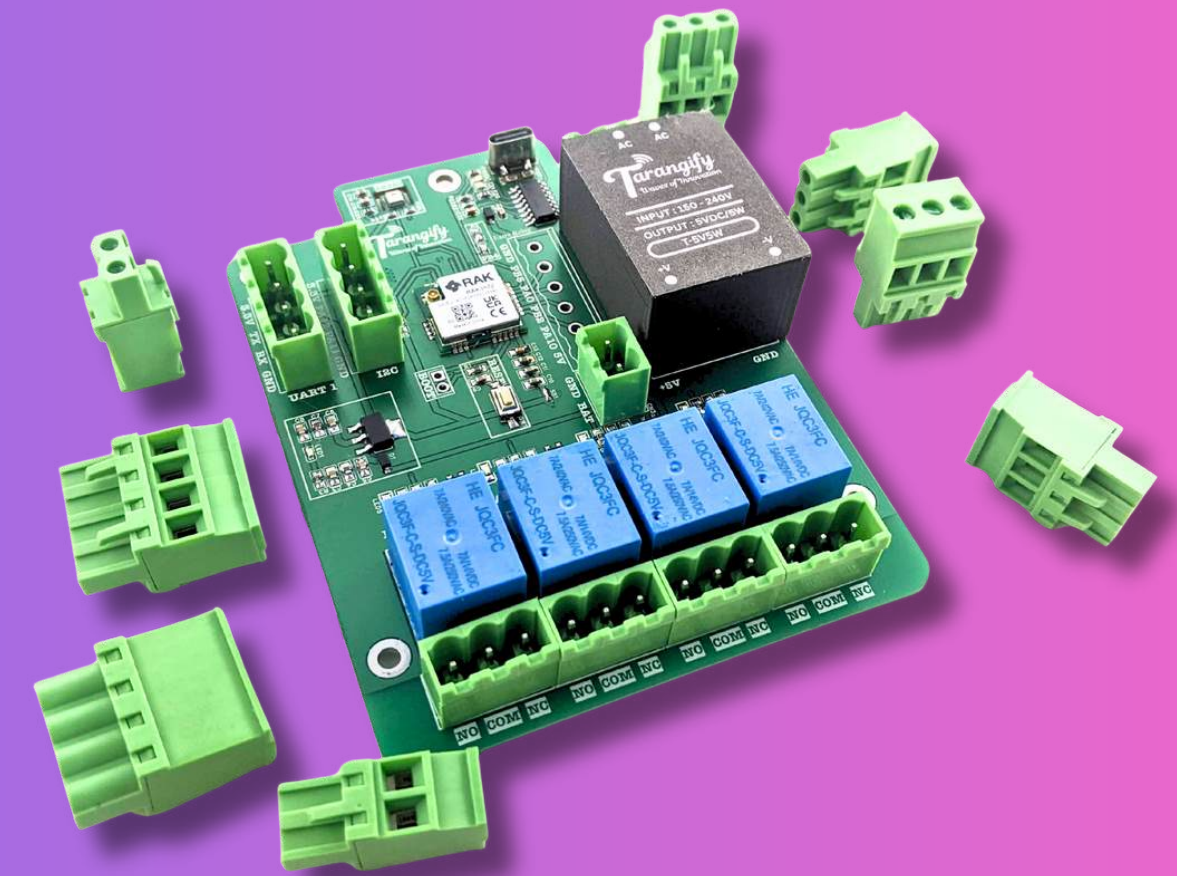
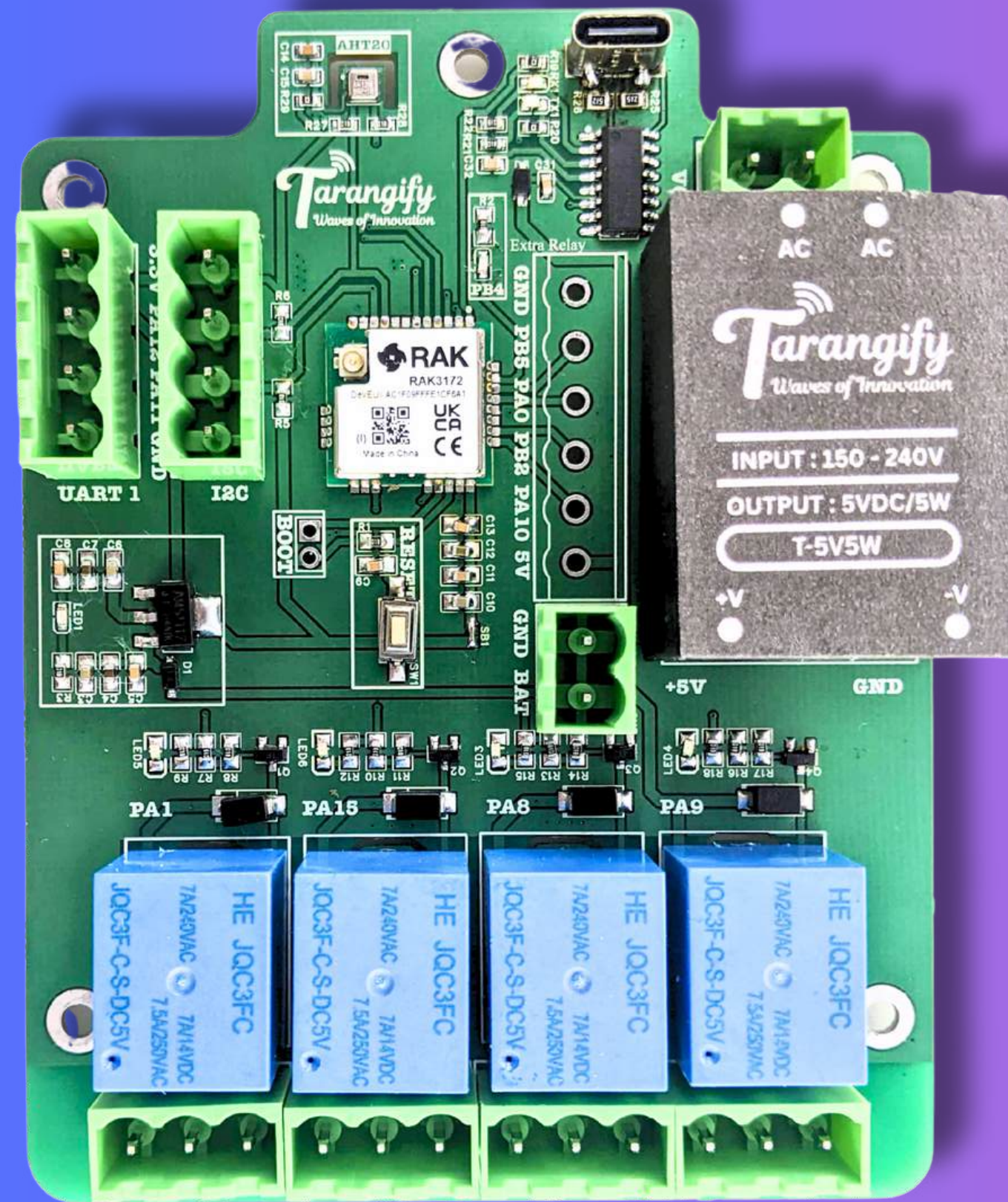
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- LoRaWAN Connectivity
- USB to TTL Converter
- Solar Charging
- Temperature & Humidity Sensing
- Battery
- Voltage Monitoring:
- Multiple Communication Interfaces
- Flexible Sensor Input
- Low Power Consumption
- Compact Form Factor



Tarangify RAK3172 LoRa Relay Node for IoT Control

Features

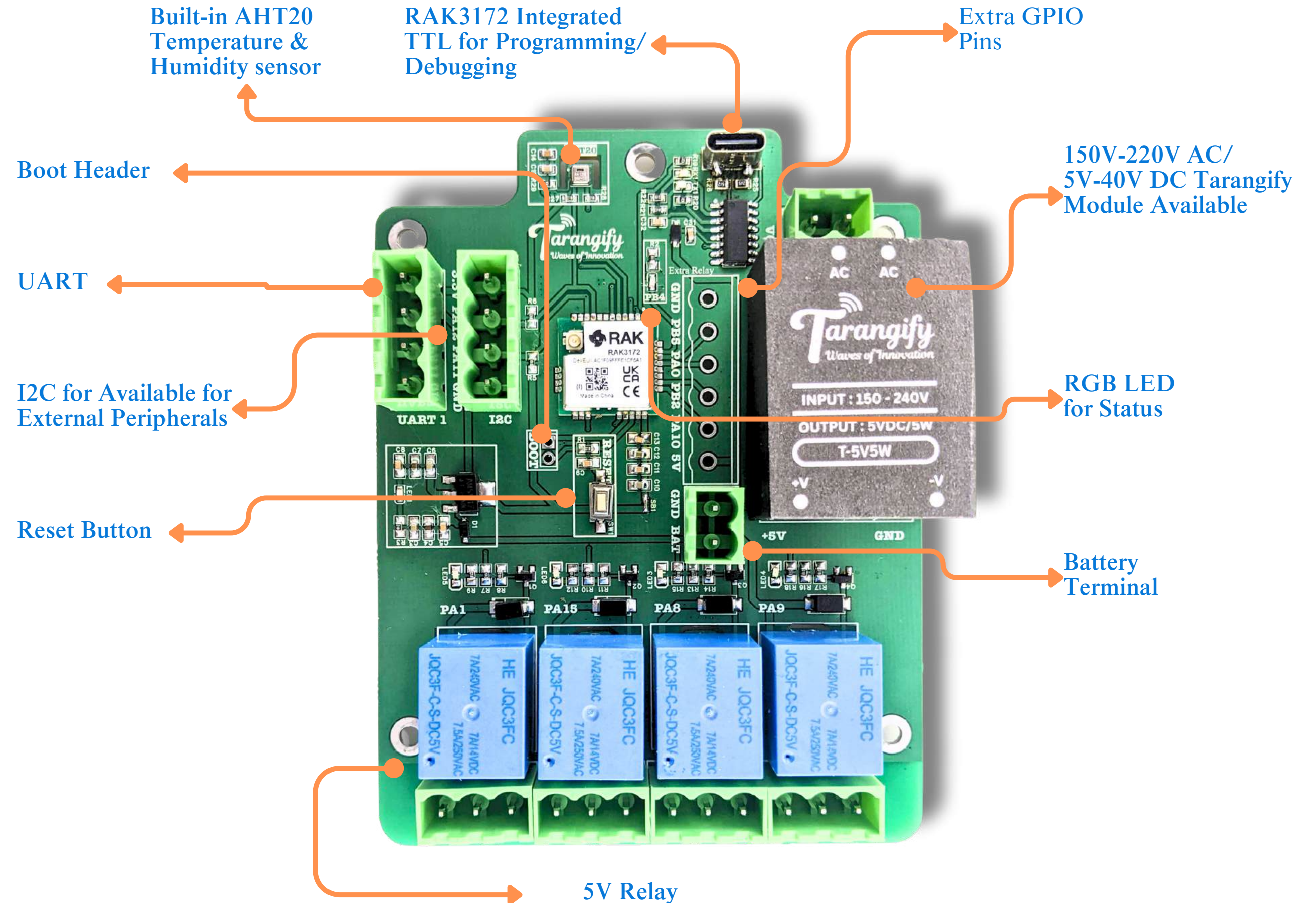
- RAK3172 LoRa Module
- Built-in AHT20 Sensor
- 4×5V Relays
- RGB LED
- I2C Terminal
- UART Terminal
- Extra GPIO Pins
- Battery Terminal support
- 150V–220V AC / 5V–40V DC Input
- Integrated TTL
- Boot Header & Reset Button



Tarangify RAK3172 LoRa Relay Node for IoT Control

Features

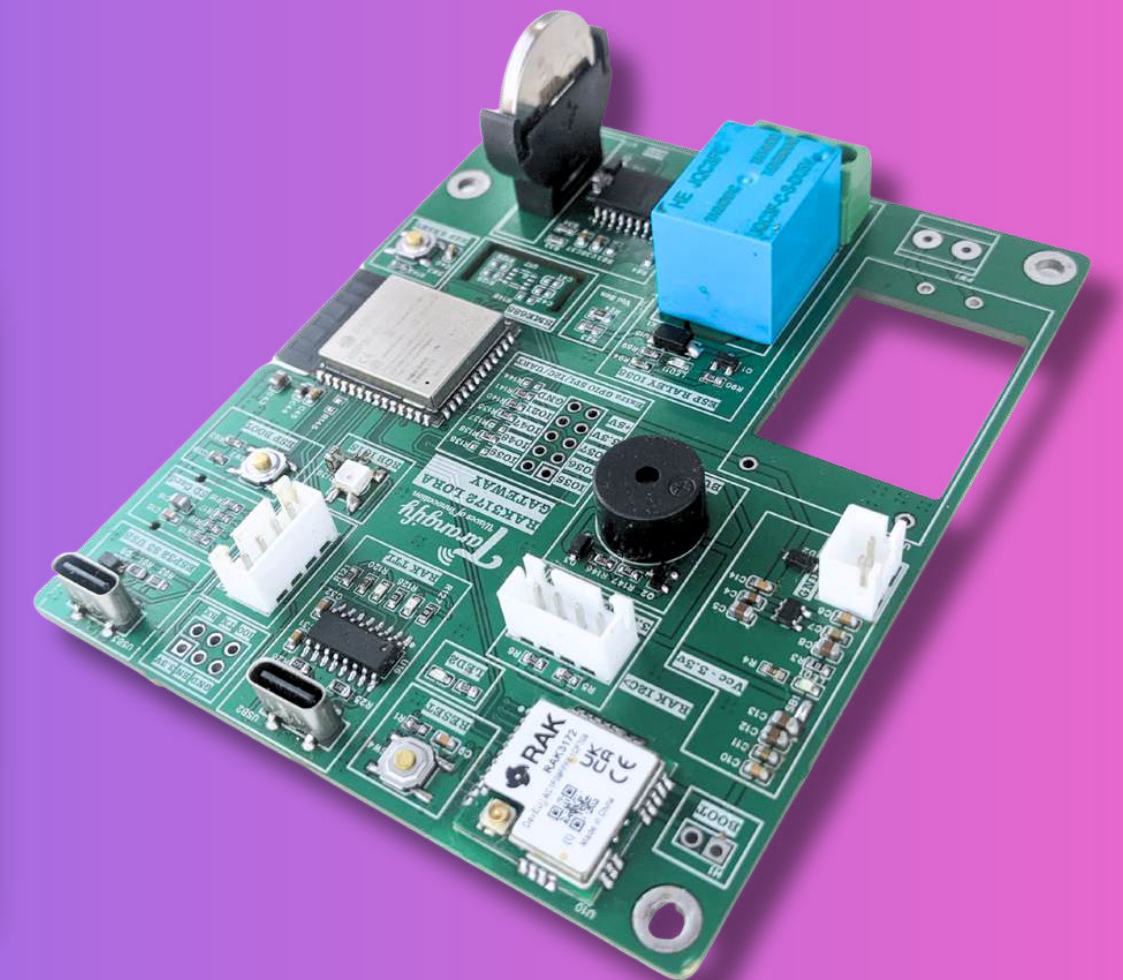
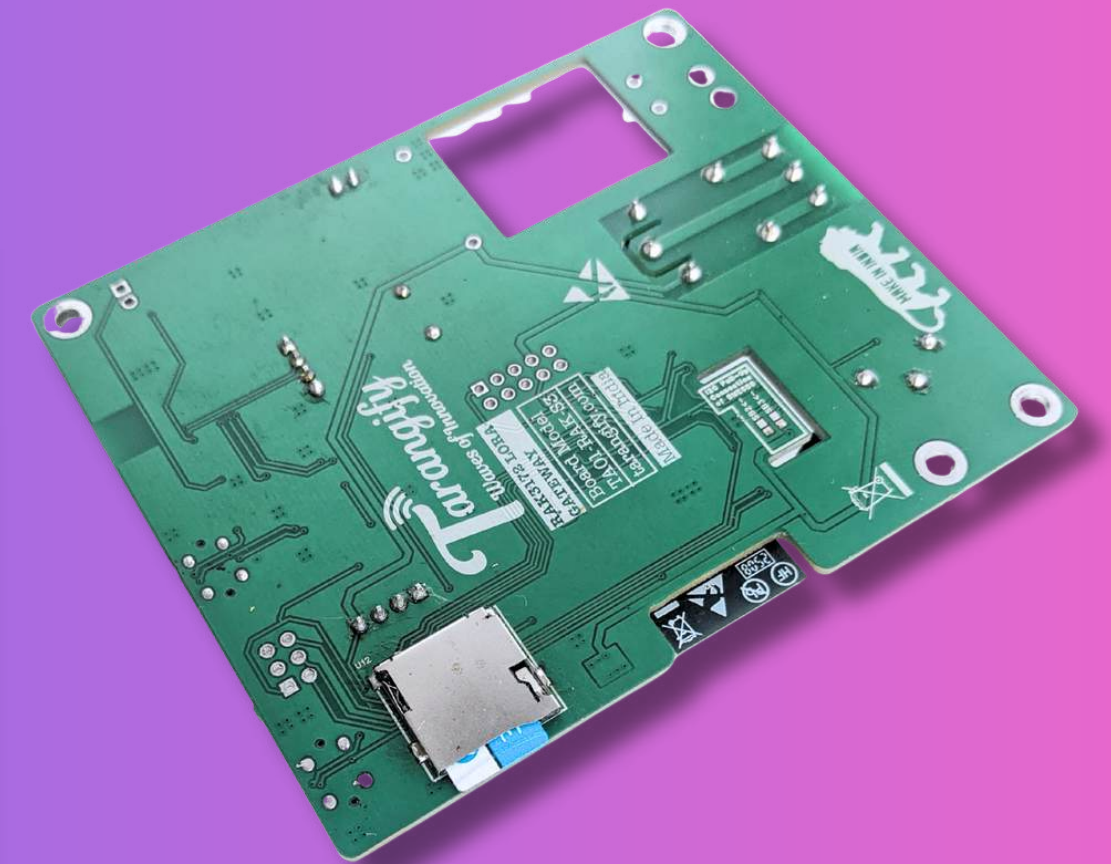
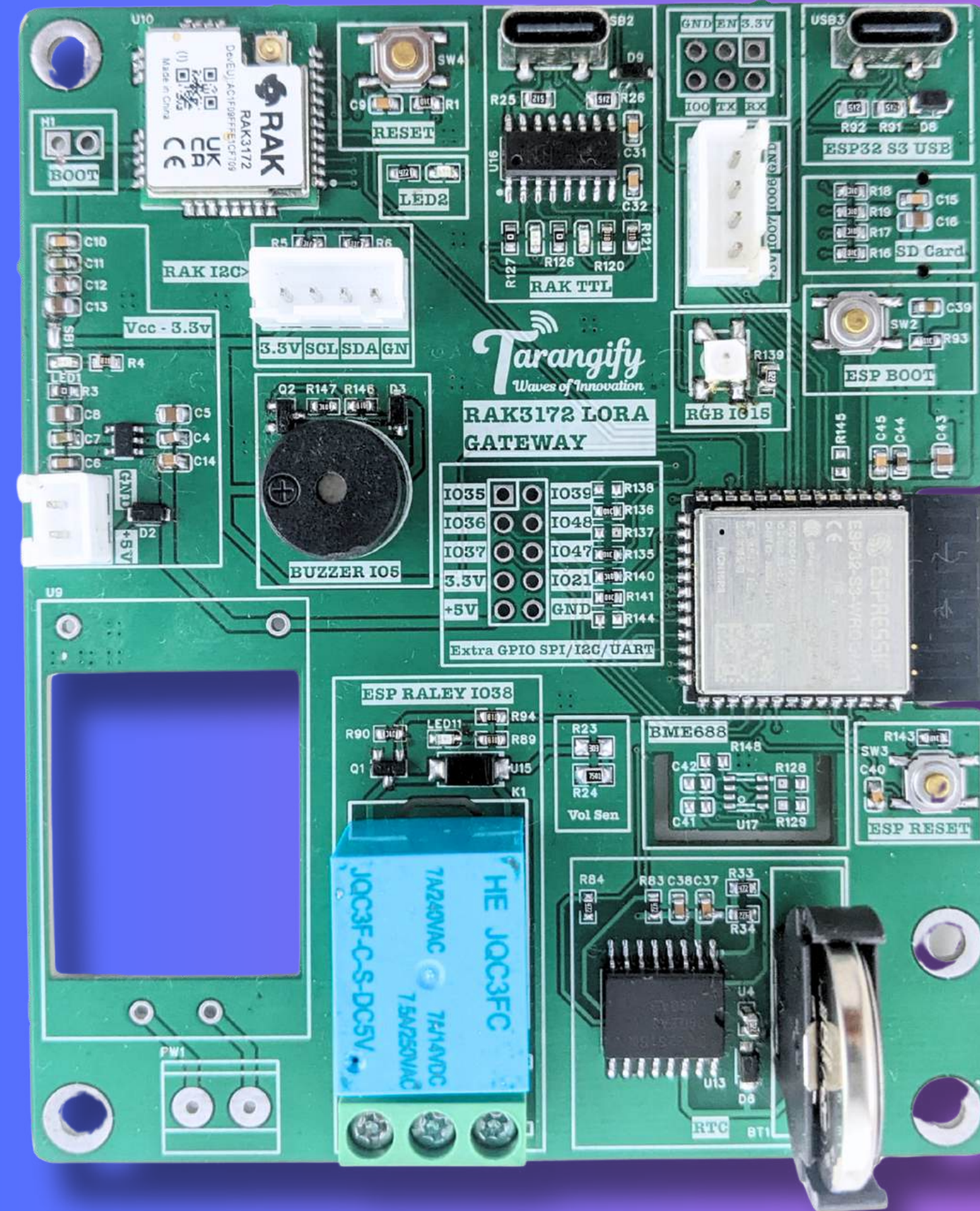
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- Built-in AHT20 Sensor
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- RGB LED
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Tarangify RAK3172 LoRa Gateway for Long-Range IoT

Features

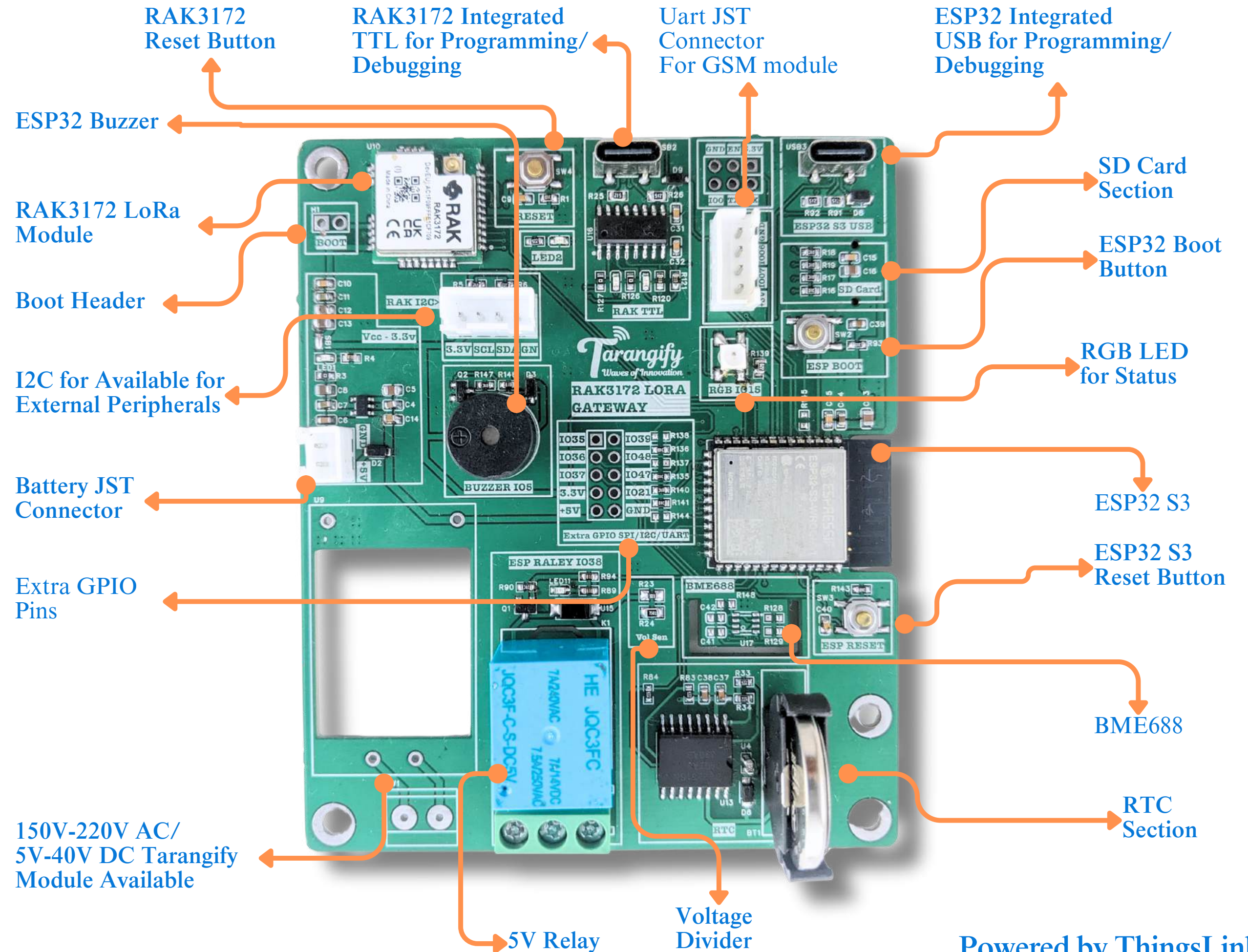
- RAK3172 LoRa Module
- ESP32-S3 MCU
- BME688 Sensor
- RTC & SD Card
- 5V Relay
- I2C & Extra GPIO
- Battery Connector
- Debug Ports
- UART JST
- RGB LED & Buzzer
- Voltage Divider
- AC/DC Input



Tarangify RAK3172 LoRa Gateway for Long-Range IoT

Features

- RAK3172 LoRa Module
- ESP32-S3 MCU
- BME688 Sensor
- RTC & SD Card
- 5V Relay
- I2C & Extra GPIO
- Battery Connector
- Debug Ports
- UART JST
- RGB LED & Buzzer
- Voltage Divider
- AC/DC Input



THANK YOU

We are ready to assist you

Write down your hopes for the future of product/service.
Don't forget to thank the audience for the opportunity and
convince related parties to support this session.

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