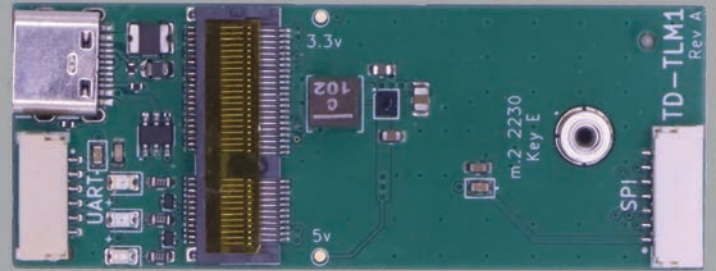


TD-TLM1

Long Range Telemetry



TD-TLM1: Long Range HaloMax™ Drone and Rover Telemetry

The TD-TLM1 is a high-performance telemetry module designed for long-range communication in UAV, rover, and IoT applications. Featuring robust wireless connectivity, it ensures stable, real-time data transmission over extended distances.

With compact design and low power consumption, the TD-TLM1 integrates seamlessly into various platforms, providing reliable telemetry in challenging environments.

Use Cases

- Long-range wireless telemetry
- Drones, rovers and IoT devices
- Low power consumption for extended use
- Highest output power allowed by FCC
- Low power sleep mode
- Compact lightweight design
- Drop-in compatible with existing devices
- Open source firmware
- HaloMax™ compatible

Features

Compatibility

Supports m.2 Key E HaloMax™ card.

Multiple Interfaces

USB, UART and SPI interfaces.

Level Shifting

1.8V m.2 Key E I/O shifted to 3.3V I/O for UART and SPI interfaces.

Open Firmware

Open source firmware available on [github](https://github.com).

Specifications

Name	TD-TLM1
Compatible	Standard USB-UART Telemetry Modules
Connectors	USB-C JST-GH 6-pin UART JST-GH 7-pin SPI (PixHawk Compatible)
Protocols	TCP/IP, UDP/IP
Interfaces	USB UART SPI
m.2 Standard	Key E
Operating Voltage	5v
Compatibility	HaloMax™ cards

