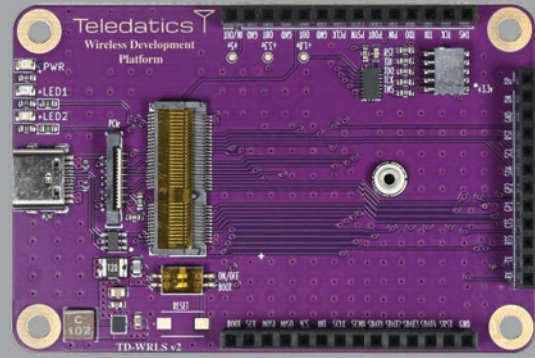


TD-WRLS

m.2 Development Kit



TD-WRLS: Universal m.2 Development Kit

The TD-WRLS is a versatile m.2 Key E and Key A+E development kit with all interface and voltage pins needed to prototype and develop m.2 RF card accessories and add-ons available on a convenient daughter-board bus.

Description

The TD-WRLS development platform offers enhanced power and connectivity for developers working with wireless communication.

It supports the Teledatics HaloMax™ and LoraMax™ m.2 cards, allowing seamless integration for Wi-Fi HaLow and LoRa applications.

Compatible with m.2 Key E or Key A+E RF cards, this platform provides flexible, high-performance connectivity for advanced wireless projects.

Features

Universal Compatibility

Supports m.2 Key E and Key A+E RF cards.

Multiple Interfaces

Offers I2C, UART, SPI, SDIO, PCM, PCIE and USB connectivity for maximum flexibility.

PCIE Support

Includes a ZIF connector to connect PCIe pins to a Raspberry Pi 5 or other PI 5 cable compatible PCIe device.

Plug & Play Expansion

Easy integration to design and add additional wireless functionality to industry standard m.2 RF boards.

Test and Development

Connect to external systems over USB, PCIe or any of the interfaces available on the expansion bus.

Flexible Voltages

Multiple voltages available on the expansion bus: +5V, +3.3V and 1.8V.

Specifications

Name	TD-WRLS
Interfaces	USB I2C UART SDIO SPI PCM GPIO PCIE
m.2 Standard	Key E and A+E
Size	22 mm x 30 mm 22 mm x 40 mm
Operating Voltage	5v
Compatibility	HaloMax™ and LoraMax™ cards Any m.2 compliant RF card
Available Voltages	1.8v, 3.3v and 5v

