FINCH

LTE/4G IoT Plug-In Module designed for Kamstrup electrical meters.

PIGEON PLEX

Features and Benefits

- 1 x RS485 Port
- LTE/4G Modem
- 1 x TTL UART Communication Port
- Wi-Fi
- BLE

- USB-C for Local Configuration
- Modbus RTU
- DLMS
- MQTT
- Location Via Cell Tower (CLBS)

Technical Overview

The Finch is a compact LTE/4G IoT plug-in module engineered specifically for Kamstrup electrical meters, offering robust, cellular-based communication for metering applications.

Designed for scalable deployments, the Finch supports connectivity to multiple electrical meters and can also interface with M-Bus gateways, enabling seamless integration in complex energy monitoring infrastructures.

The Finch is built for reliable, high-speed data transmission and leverages LTE/4G cellular networks to deliver secure, real-time communication.
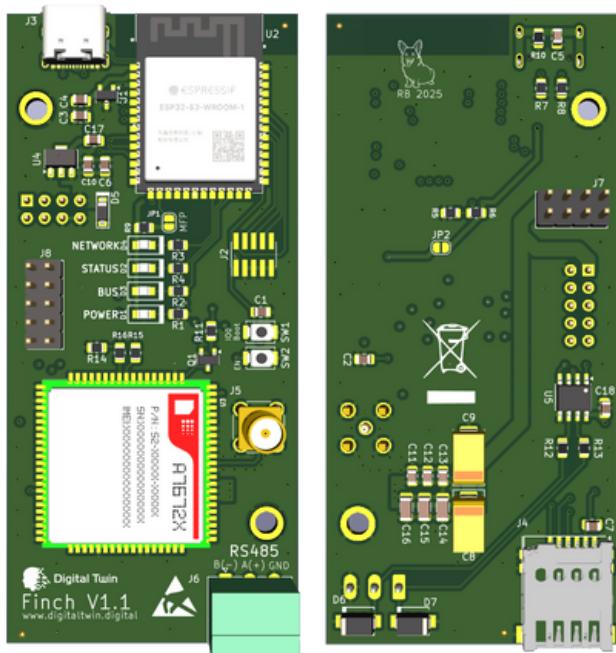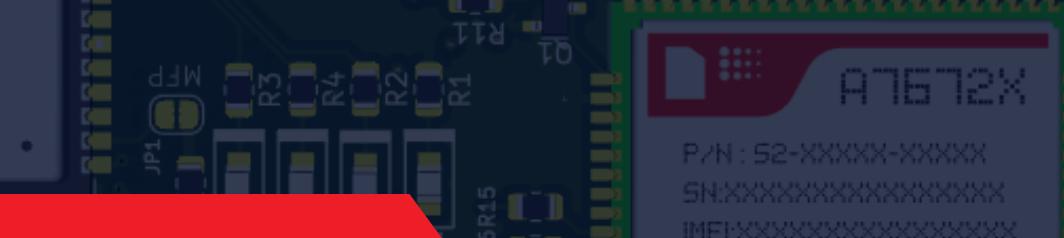
Specifications

Power Supply	4.2V Received Directly from the Electrical Meter
Communication	LTE • CAT1 B1/B3/B8 Bluetooth V4.2 (BLE) • 2.4GHz – 2.4835GHz Wi-Fi • 802.11 b/g/n • 2.4GHz – 2.4835GHz
Serial Port	1 x TTL UART 1 x ¼ Load Chipset (RS485)
Protocols	Modbus RTU • 100 Points (Device config counts as one point) DLMS • 10 Devices • 45 Points Max per device