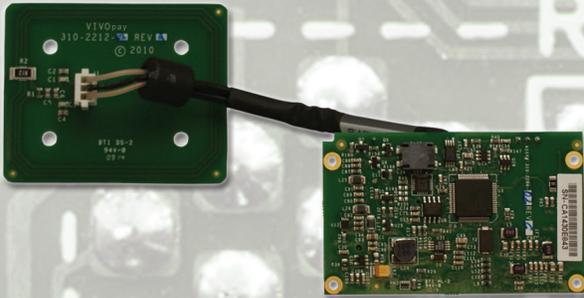


vivopay[®] OEM Board Set

OEM Contactless Module

The ViVopay OEM Board Set is a flexible and compact module and antenna set developed specifically for OEM applications. It is based on proven ViVopay contactless readers and enhanced with the following:

- More EMI margin at the module level as not to impact dispense level EMI performance
- Reduced power supply requirements to comply with typical dispenser systems
- Added power supply line filtering as not to be impacted by dispenser power supply noise
- On-board power supply boost regulator to accommodate typically long dispenser power cables voltage drops
- Soft start circuit to reduce power supply spikes that may impact other system devices

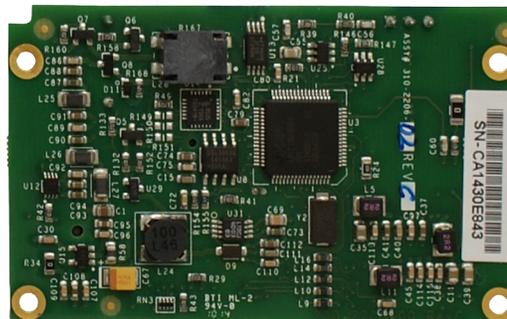


Features and Benefits:

- **Applications:** Petrol/Fuel Pumps, Kiosks, Parking, and other unattended markets
- **Flexibility:** Embedded in a terminal or dispenser
- **Module based off proven ViVopay contactless technology**
- **High performance and easy to integrate**

Front of OEM Module

Small Footprint for applications with limited space.



Back of OEM Module



vivo^{pay}® OEM Board Set

Specifications

Connectors

Power/Serial: HiRose DF13-5P 5 Pin
Pin 1: TXD data, 3.3V OC pull-up on host board
Pin 2: RXD data, 3.3V OC, pull-up on OEM board
Pin 3&4: GND
Pin 5: Power

Antenna: JST BS3P-SHF-1AA(LF)(SN)- 3 Pin
Pin 1, 3: RF to twisted pair antenna cable
Pin 2: GND for shielded antenna cable

Electrical

Power: Input voltage 3VDC +/- 5%
Current: Maximum 500 mA surge limited
EMI: 12 db Margin 0-30 MHz
35 db Margin 30-1 GHz

Mechanical

Board Dimensions: 69.4 mm (2.73 in.) x 42.7 mm (1.68 in.)
Antenna Dimensions: 68 mm (2.68 in.) x 55 mm (2.17 in.)

Pre-Certifications

Contactless EMV Level 1: 2.1
Contactless EMV Level 2: American Express ExpressPay
Discover Zip
MasterCard PayPass
Visa VCPS

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