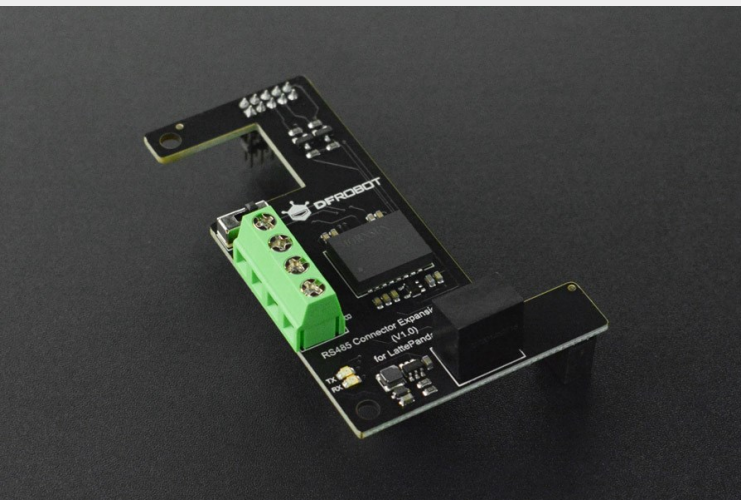


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RS485 Connector Expansion Shield for LattePanda V1

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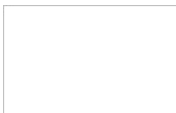
* Model: RS232 Connector

RS485 Connector

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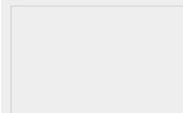
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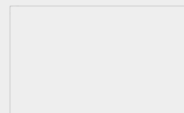
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Latte... (Unactivated)

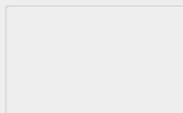
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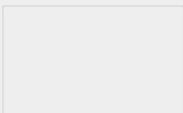
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Gra... LattePanda V1

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INTRODUCTION

An industrial-grade RS485 shield for LattePanda! It is designed to expand a reliable RS485 interface(OPEN4) for [LattePanda V1](#). The receiving and sending of the module are isolated and it features signal isolation, power isolation, lightning surge protection, transient voltage resistance, and bus-protection, which assures reliable data transmission and effectively protects your LattePanda main-board. Apart from that, the module offers 12V power output and comes with on-board 120Ω terminal matching resistor that can be controlled by the switch.

The product employs a stackable connection, which makes it able to be easily fixed onto LattePanda main-board by copper columns without blocking the heat dissipation area of the main-board. This RS232 Connector Expansion Shield can be safely applied in industrial scenarios.

Board Overview

Connect the Shield and LattePanda V1

FEATURES

- Signal Isolation and Power Isolation
- Reliable Communication
- 12V Power Output
- On-board 120Ω Terminal Matching Resistance
- Easy to Connect and Use
- 12mm Mounting Copper Columns

APPLICATIONS

- RS485 communication scenarios

SPECIFICATION

- Operating Voltage: 5V
- TTL Level: 1.8V
- Output Voltage: 12V
- Operating Temperature: -40°C to +85°C
- Baud Rate: 115200 bps (LattePanda V1 TTL can only adjust to 115200 bps)
- Isolation Voltage: 2500VDC
- Not Support Hot Plugging

DOCUMENTS

- [Product wiki](#)

SHIPPING LIST

- RS485 Connector Expansion Shield for LattePanda V1 x1
- M3 Double-way Hexagonal Copper Column(12mm) x3
- M3 Round Head Screw x6

REVIEW

FAQ

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