CJMCu-2551 Can bus interface



Produktkode: 553aa
Tilgjengelighet: 2
Weight: 20.00g
Custom Field 5 (Location): C 17

Pris: kr. 110,00

Kort beskrivelse
MCP2551 CJMCU-2551 High Speed CAN Controller Bus Interface Modul Arduino

Beskrivelse
MCP2551 CJMCU-2551 High Speed CAN Controller Bus Interface Modul Arduino

Lieferumfang: 1x MCP2551 Modul ikl Stiftleisten

This is a fault tolerant high speed CAN device that can be used as a CAN protocol controller and a physical bus interface. The MCP2551 provides differential transceiver capability for the CAN protocol controller, which fully complies with the ISO-11898 standard, including 24V voltage requirements.
Typically, each node on the CAN system must have a device that converts the digital signal generated by the CAN controller into a signal suitable for bus transmission. It also adds a buffer between the CAN controller and the high voltage spikes on the CAN bus, which may be generated by external devices.
Support 1MB / S running speed.
Meet ISO-11898 standard physical layer requirements.
Suitable for 12V and 24V systems. Slope external control to reduce RFI.
Automatically detects a ground fault at the TXD input.
Power-on reset and voltage event undervoltage protection.

No power-up node or undervoltage does not affect the CAN bus.
Low current standby operation.
Up to 112 nodes can be connected.

Chip Feature:
Supports 1 Mb/s operation
Implements ISO-11898 standard physical layer requirements
Suitable for 12V and 24V systems
Externally-controlled slope for reduced RFI emissions
Detection of ground fault (permanent Dominant) on TXD input
Power-on Reset and voltage brown-out protection
An unpowered node or brown-out event will not disturb the CAN bus
Low current standby operation
Protection against damage due to short-circuit conditions (positive or negative battery voltage)
Protection against high-voltage transients
Automatic thermal shutdown protection
Up to 112 nodes can be connected
High-noise immunity due to differential bus implementation
Temperature ranges:
- Industrial (I): -40°C to +85°C
- Extended (E): -40°C to +125°C