
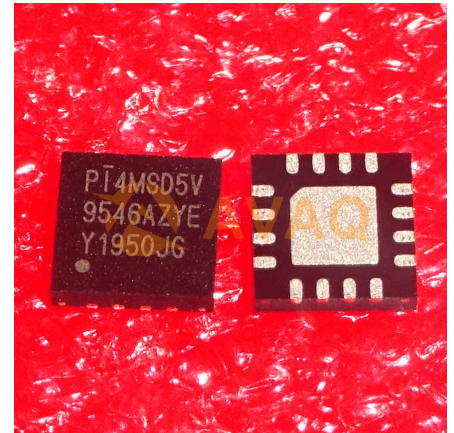


I2C Bus Switch 1-Element 4-IN 16-Pin TQFN EP T/R

Manufacturer:	Diodes Inc
Package/Case:	QFN
Product Type:	Switches
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

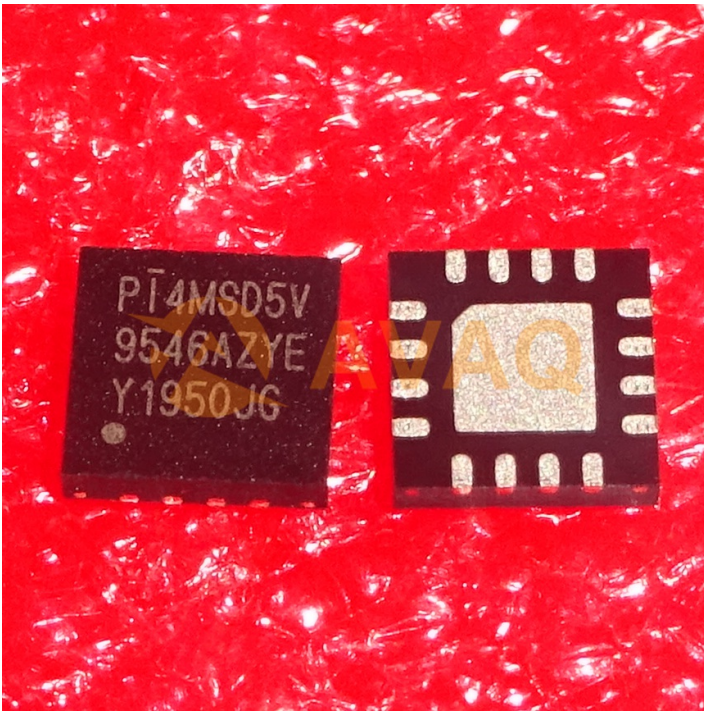
The PI4MSD5V9546AZYEX is a high-speed differential multiplexer/demultiplexer switch designed for signal routing and switching applications in various electronic systems.

Key Features

- Differential Signal Handling:** The switch is designed to handle high-speed differential signals, providing seamless routing and switching of differential data paths.
- Low On-Resistance:** It features low on-resistance, minimizing signal attenuation and distortion when the switch is in the "ON" state.
- High Bandwidth:** The PI4MSD5V9546AZYEX offers a high bandwidth, enabling it to handle high-frequency signals and maintain signal integrity.
- Wide Voltage Range:** The switch typically operates with a wide voltage range, accommodating various signal levels and system requirements.
- Low Power Consumption:** It is designed to have low power consumption, making it suitable for power-sensitive applications.
- Small Package:** The switch is typically available in a compact package, facilitating space-saving integration into various circuit designs.

Application

- Communications Systems
- Data Acquisition Systems
- Video and Audio Equipment
- Test and Measurement Systems
- High-Speed Data Transmission



Recommended For You

PI5USB30213XEAEX

Diodes Inc

QFN24

PI3B3257AQE

Diodes Inc

QSOP16

PI3L301DAEX

Diodes Inc

TSSOP-48

PI3USB102ZLEX

Diodes Inc

TQFN10

PI3USB221EZUAEX

Diodes Inc

QFN10

PI3USB32212ZLEX

Diodes Inc

QFN

PI2PCIE2422ZHE

Diodes Inc

QFN

PI3USB221EZWEX

Diodes Inc

UDFN3030-10

PI3A27518ZDEX

Diodes Inc

QFN

PI3USB30532ZLEX

Diodes Inc

TQFN40

PI3PCIE3412AZHEX

Diodes Inc

TQFN-42

PI2PCIE2412ZHE

Diodes Inc

QFN

PI3DBS16222ZLEX

Diodes Inc

QFN

PI3PCIE3412ZHE

Diodes Inc

QFN

PI4MSD5V9546ALEX

Diodes Inc

TSSOP