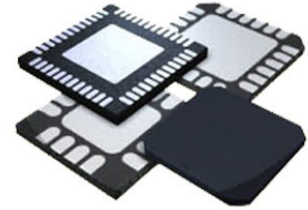


**PCI Express Switch Mux/Demux 2Lanes 42-Pin TQFN EP
T/R**



Images are for reference only

[Inquiry](#)

Manufacturer: [Diodes Inc](#)

Package/Case: QFN

Product Type: Drivers

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

General Description

The PI3PCIE3413AZHEX is a high-speed multiplexer switch designed for PCIe (Peripheral Component Interconnect Express) 3.0 applications. It allows for the selection and switching between three input channels to a single output channel.

Key Features

- 4 Differential Channel, 3:1 Mux/DeMux
- PCI Express® 3.0 Performance, 8.0Gbps
- Bi-directional Operation
- Low Bit-to-Bit Skew, 10ps max
- Low channel-to-channel skew, 20ps max
- Low Crosstalk: -35dB@4 GHz
- High Off Isolation: -22dB@4 GHz (8.0Gbps)
- Low insertion loss: -1.3dB@4 GHz (8.0Gbps)
- Return loss: -21dB@4 GHz
- Support for DP1.2 - HBR2, HBR, RBR
- Supply Voltage 3.3V
- Packaging (Pb-free & Green):
 - 42-contact, TQFN (ZH42)
 - 40-contact, TQFN (ZL40)

Application

- PCIe Switching
- PCIe Expansion Cards
- Computer Motherboards
- Data Storage Systems
- Networking Equipment

Recommended For You

PI4MSD5V9546AZYEX

Diodes Inc

QFN

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