


## PCI Express Switch 4Lanes 4 Port 2-CH 136-Pin aQFN EP T/R

<b>Manufacturer:</b>	<a href="#">Diodes Inc</a>
<b>Package/Case:</b>	VFQFN136
<b>Product Type:</b>	Drivers
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active



Images are for reference only

[Inquiry](#)

### General Description

The PI7C9X2G404EVAZXAEEX is a PCI Express (PCIe) packet switch designed to expand the number of available PCIe lanes for connecting multiple devices in a computer system. It provides advanced error reporting and hot-plug controller functionality for enhanced reliability and manageability.

### Key Features

**PCIe Gen2 Support:** The switch supports the PCI Express Gen2 specification, providing higher data transfer rates and improved performance compared to previous generations.

**4-Port Configuration:** It features four downstream ports, allowing connections to four PCIe endpoints or devices.

**Packet Switching:** The device facilitates data packet switching between multiple endpoints, enabling efficient data communication.

**Advanced Error Reporting:** The switch incorporates advanced error reporting mechanisms, which help identify and handle errors in the PCIe communication.

**Hot-Plug Controller:** The integrated hot-plug controller allows for the insertion and removal of PCIe devices while the system is still powered on (hot-plugging), without causing damage or disrupting system operation.

**Low Power Consumption:** The PI7C9X2G404EVAZXAEEX is designed to consume low power, making it suitable for power-sensitive applications.

**Small Package:** The device is available in a compact package, saving board space in system designs.

### Application

- Desktop and Server Motherboards
- PCIe Backplanes
- Embedded Systems
- Networking Equipment
- Storage Systems
- Telecommunications

### Recommended For You

#### PI7C8150BMAE

Diodes Inc  
QFP208

#### PI7C8154BNAE

Diodes Inc  
BGA

#### PI7C8150BNDE

Diodes Inc  
BGA

**PI7C9X112SLFDE**

Diodes Inc

QFP

**PI7C9X2G304SLBFDEX**

Diodes Inc

LQFP128

**PI4IOE5V9535LEX**

Diodes Inc

TSSOP24

**PI3EQX8904ZHEX**

Diodes Inc

QFN

**PI6ULS5V9617AUEx**

Diodes Inc

MSOP8

**PI7C9X2G304ELZXAE**

Diodes Inc

QFN

**PI7C9X2G404SLBFDEX**

Diodes Inc

LQFP-128

**PI4IOE5V6408ZTAEX**

Diodes Inc

16-UFQFN

**PI7C9X2G304SLBFDE**

Diodes Inc

LQFP-128

**PI7C9X3G606GPBFCAEX**

Diodes Inc

TQFN40

**PI7C8154ANAE**

Diodes Inc

BGA

**PI3PCIE3242AZLEX**

Diodes Inc

TQFN30