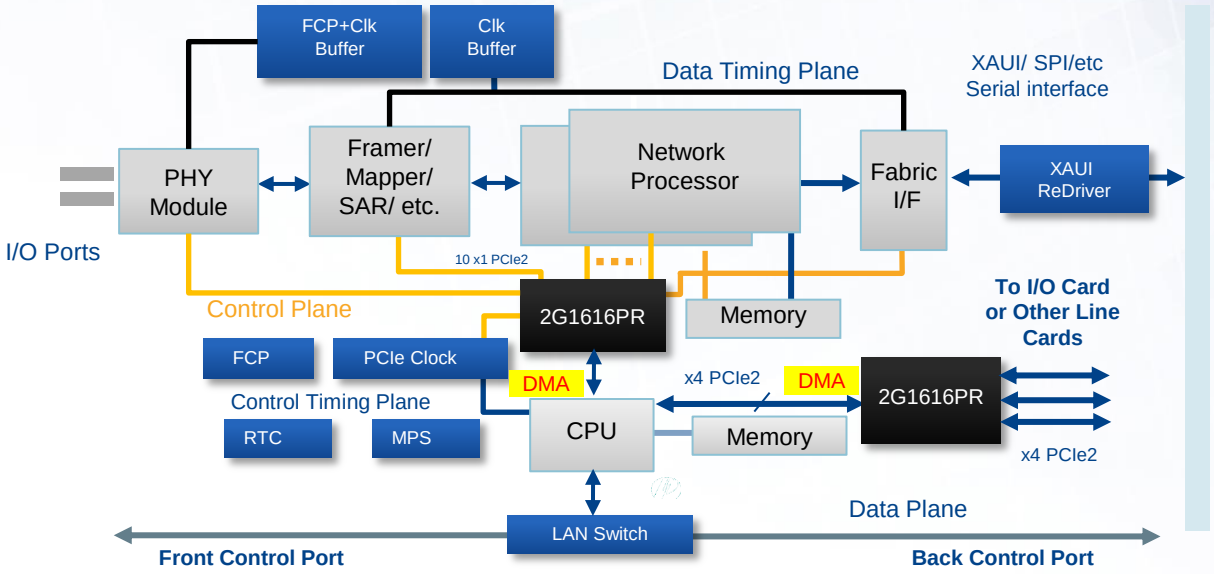
Issue Number | 001
March 2017

New Product Announcement

PI7C9X2G1616PR
PI7C9X2G912GP

Typical Application Example

- **PI7C9X2G1616PR in Networking Switch/ Router**



9-16 Ports, 12-16 Lanes PCIe2.1 Packet Switch Overview

Part Number	Description	Protocol	Ports	Lanes	Power L0 (W)	Latency (ns)	Operating Temperature (°C)	Package
PI7C9X2G1616PR	16-port, 16-lane, PCIe2 Packet Switch	PCIe2.1	16	16	3.5	150	-40 to +85	HSBGA
PI7C9X2G912GP	9-port, 12-lane, PCIe2 Packet Switch	PCIe2.1	9	12	2.7	150	-40 to +85	LBGA

Visit Diodes website to get more product information

PI7C9X2G1616PR

https://www.diodes.com/products/connectivity-and-timing/pcie-packet-switchbridges/pcie-switch/part/PI7C9X2G1616PR

PI7C9X2G912GP

https://www.diodes.com/products/connectivity-and-timing/pcie-packet-switchbridges/pcie-switch/part/PI7C9X2G912GP

Ordering Information

Orderable Part Number	Base Part Number	Package Code	Pin Count	Operating Temperature (°C)	Quantity per Tray	Quantity per Tape & Reel
PI7C9X2G1616PRAHSBE†	PI7C9X2G1616PR	HSB	324	-40 to +85	84	N/A
PI7C9X2G1616PRAEVB	PI7C9X2G1616PR	Evaluation Board	-	-	-	-
PI7C9X2G912GPANJE†	PI7C9X2G912GP	NJ	196	-40 to +85	126	1,000
PI7C9X2G912GPAEVB	PI7C9X2G912GP	Evaluation Board	-	-	-	-

† Note: Adding an X suffix =Tape/Reel

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