
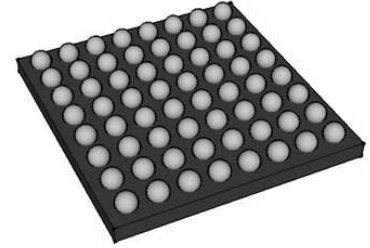


Digital Crosspoint 16x16 11.5Gbps 196-Pin FCBGA Tray

Manufacturer:	Microchip Technology, Inc
Package/Case:	BGA196
Product Type:	Switches
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Obsolete



Images are for reference only

[Inquiry](#)

General Description

The VSC3316 is the industry's highest performance signal integrity crosspoint solution. The VSC3316 is uniquely capable of addressing a wide array of routing, switching, and signal integrity issues across storage, blade server, video distribution, telecommunications, and Ethernet applications. Featuring a 16x16 non-blocking, multicasting switch core with ports running at any rate up to 11.5G, the VSC3316 architecture provides protocol-transparent operation, allowing each channel to run independently. The VSC3316 supports a wide frequency range and virtually all data protocols. The VSC3316 incorporates Microsemi's fourth-generation input equalization and pre-emphasis I/O capability engineered for the industry's highest speed and protocol requirements. The device can perform signal fanout, loopback, and protection switching. It can also regenerate signals compromised by losses in the transmission medium. Microsemi's equalization works independently of the data rate, providing highly effective compensation for deterministic jitter across a wide range of high-speed interconnect applications. Related Products 10GE PHYs Key

Key Features

DC to 11.5 Gbps operation

16x16 fully non-blocking switch capability

Protocol-transparent operation

Advanced EQ

Recommended For You

VSC7422XJG-04

Microchip Technology, Inc

HSBGA-672

VSC3340XJJ-01

Microchip Technology, Inc

BGA484

VSC3308YKU

Microchip Technology, Inc

BGA

VSC7513XKS

Microchip Technology, Inc
BGA

VSC7420XJQ-04

Microchip Technology, Inc
FSTQFP

VSC7420XJQ-02

Microchip Technology, Inc
BGA

VSC7420XJG-02

Microchip Technology, Inc
HSBGA-672

VSC7423XJG-02

Microchip Technology, Inc
BGA

VSC7420XJG-04

Microchip Technology, Inc
672-BGA

VSC7425XJG-02

Microchip Technology, Inc
BGA

VSC7429XJG-02

Microchip Technology, Inc
BGA

VSC7512XMY

Microchip Technology, Inc
QFN-172

VSC7428XJG-02

Microchip Technology, Inc
BGA672

VSC7440XMT

Microchip Technology, Inc
PBGA-324

VSC7448YIH-02

Microchip Technology, Inc
672-LBGA