

Digital Crosspoint Single 40x40 6.5Gbps 484-Pin HFCBGA Tray



Images are for reference only

[Inquiry](#)

Manufacturer: [Microchip Technology, Inc](#)

Package/Case: BGA484

Product Type: Switches

Lifecycle: Obsolete

General Description

The VSC3340 is the industry's highest performance signal integrity crosspoint solution with low power green modes for optimal reduced power operation. The VSC3340 is uniquely capable of addressing a wide array of routing, switching, and signal integrity issues across storage, blade server, broadcast video, telecommunications, and Ethernet applications. In video applications, the VSC3340 can support HDMI, DVI, DisplayPort, or SDI HDTV protocols. The VSC3340 features a 40x40 non-blocking, multicasting switch core with ports running at any rate up to 6.5G. The VSC3340 architecture provides protocol-independent operation that allows each channel to run independently, and optimizes low power operation when running at lower speeds. The VSC3340 includes both register and static programming modes. The VSC3340 incorporates Microsemi's fourth-generation input equalization and pre-emphasis I/O capability for the industry's latest generation protocols. The device can perform signal fanout, loopback, and protection switching. It can also regenerate signals severely compromised by transmission losses. Microsemi's industry-proven equalization provides highly effective compensation for deterministic jitter across a wide range of high-speed interconnect applications. Related Products 10GE PHYsKey

Recommended For You

VSC7422XJG-04

Microchip Technology, Inc
HSBGA-672

VSC3316YYP

Microchip Technology, Inc
BGA196

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

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672-LBGA