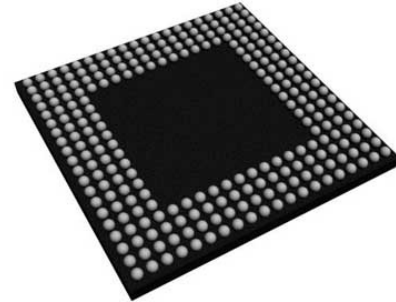


IC TELECOM INTERFACE 256BGA

Manufacturers	Microchip Technology, Inc
Package/Case	256-BGA
Product Type	Interface ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for VSC8584XKS-14 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

Microchip's complimentary and confidential LANCheck® online design review service is available for customers who have selected our products for their application design-in. The LANCheck online design review service is subject to Microchip's Program Terms and Conditions and requires a myMicrochip account.

Features

Part of the world's first and only NIST FIPS197 128/256-bit MACsec-support family of GbE PHYs

802.1AE-2006, 802.1AEbn-2011, and 802.1AEbw-2013 compliant

Exclusive patented "Tag-in-the-Clear" and "Flow-Based" technologies enable MACsec to work in any IPv4 or IPv6-based network capable of supporting VLANs and/or MPLS

One-step and two-step VeriTime™ time stamping over encapsulated links including MPLS and PBB

MPLS and Ethernet Y.1731 OAM

EcoEthernet™ 2.0 green technology

Supports clause 45 MDIO register access

Enhanced SPI interface supports high port count IEEE 1588v2 applications

Related Products



[VSC8664XIC](#)

Microchip Technology, Inc
BGA-256



[VSC8662XIC](#)

Microchip Technology, Inc
256-BGA



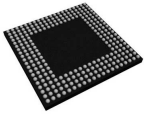
[VSC8221XHH](#)

Microchip Technology, Inc
BGA-100P



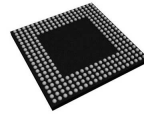
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Microchip Technology, Inc
QFN



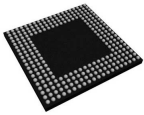
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Microchip Technology, Inc
BGA-256D



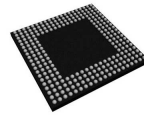
[VSC8574XKS-05](#)

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[VSC8572XKS-05](#)

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256-BGA



[VSC8552XKS-02](#)

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