
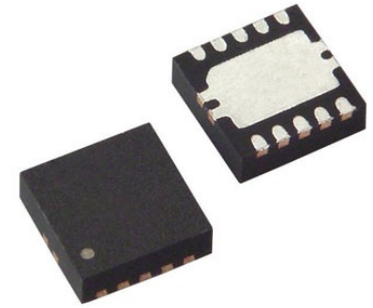


Ethernet Switch 4-Port 1000Mbps 172-Pin VQFN EP Tray

Manufacturer:	Microchip Technology, Inc
Package/Case:	VQFN-172
Product Type:	Switches
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

Microchip's industrial Ethernet switch device delivers the industry's lowest power Gigabit Ethernet (GbE) switching solution. The VSC7511 is a fully-integrated 4-port Gb Ethernet switch with four copper PHYs or four SGMIIs in a single package. The VSC7511 leverages SimpliPHY technology, resulting in the one of the most cost-effective and lowest power consumption devices in the industry. The single-chip solution utilizes the most advanced Energy Efficient Ethernet features for bringing low-power and high-performance solutions to market. The VSC7511 provides a rich set of unmanaged Ethernet switching features such as Layer-2 forwarding with basic VLAN and QoS processing, enabling the delivery of differentiated services. The VSC7511 contains an 8051 CPU for configuration of the switch.

A comprehensive application software package is provided for LED control, loop indication, device overheat protection, and other enhanced functions.

Supported Ethernet Software Options

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.

Key Features

VSC6825: Ocelot Unmanaged Application Software Package for 8051-based L2 Enterprise Switches

Ethernet Switches

1G Copper PHYs

Low-power and single-chip industrial Ethernet switch

Four ports, either integrated copper PHYs or SGMII ports

2.5G SGMII NPI port or PCIe

Recommended For You

VSC7422XJG-04

Microchip Technology, Inc
HSBGA-672

VSC3316YYP

Microchip Technology, Inc
BGA196

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