

PRODUCTS

Enterprise Ethernet Switches

Ethernet Switching

[Carrier Ethernet Switch Engines](#) >

[Enterprise Ethernet Switches](#)

Physical Layer

Software

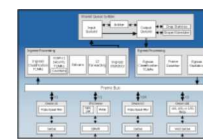
Intellectual Property

Signal Integrity

Legacy

24 x 1 Gigabit and 2 x 10/12 Gbps L2 Ethernet Switch with High Performance Stacking and 416 MHz CPU

The VSC7432 E-StaX-III-48 stackable Enterprise Ethernet switch contains twenty-four 10/100/1000 Mbps Ethernet ports and two 10G XAUI ports. The XAUI ports can also be configured as two 12G stacking ports. VSC7432 provides a rich set of Enterprise Ethernet switching features. Using multistage Vitesse TCAM technology (VCAP), it delivers VLAN and QoS processing, enabling the delivery of differentiated services, security through intelligent frame processing, and egress frame manipulation. The VSC7432 device contains a powerful 416 MHz CPU, enabling full management of both a standalone switch as well as a full stackable Ethernet switch solution. A comprehensive [application programming interface \(API\) and software development package](#) is available for Managed Stackable Ethernet applications for faster time-to-market. The software API package integrates easily with third-party software, preserving existing software investments.



Product Variants	Description
VSC7432YIH	672-pin 27 x 27 mm FCBGA lead-free
VSC7432XIH	[NRND] 672-pin 27 x 27 mm FCBGA lead-free second-level interconnect

— Related Products

- 10GE PHYs
- GE PHYs
- API & BSP
- SMBStaX (SDK)
- WebStaX (SDK)

+ Key Features

ADDITIONAL RESOURCES

Add to Cart	Category	Title	Access	Version	Posted	Type	Size
<input type="checkbox"/>	Product Brief	VSC7432 Product Brief		1.0	09/27/2010		679 kB
<input type="checkbox"/>	Datasheet	VSC7432 E-StaX-III-48 Datasheet		4.3	02/04/2014		14 MB
<input type="checkbox"/>	Datasheet	VSC7432-01 E-StaX-III-48 Datasheet		2.0	07/24/2015		39 MB
<input type="checkbox"/>	Application Note	Using the Jaguar Serial GPIO/LED Controller		1.0	07/25/2012		3 MB
<input type="checkbox"/>	Model	BSDL Model		1.0	05/20/2011		100 kB
<input type="checkbox"/>	Model	IBIS Model		1.0	05/20/2011		458 kB
<input type="checkbox"/>	Reference Design	E-StaX-III Reference Design		1.1	05/20/2011		49 MB
<input type="checkbox"/>	Reports	First Level Product Qualification Report for VSC7432XIH		2.0	06/19/2013		75 kB
<input type="checkbox"/>	Reports	First Level Product Qualification Report for VSC7432YIH		2.0	10/28/2013		74 kB
<input type="checkbox"/>	Reports	VSC7364XIH, VSC7366XIH, VSC7431XIH, VSC7432XIH, VSC7434XIH, VSC7460XIH and VSC7462XIH Material Composition Declaration		3.0	10/01/2012		22 kB
<input type="checkbox"/>	Reports	VSC7431YIH, VSC7432YIH, VSC7434YIH, VSC7460YIH, VSC7462YIH Material Composition Declaration		2.0	01/05/2015		20 kB

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