


Ethernet Switch 5-Port 1000Mbps 256-Pin FBGA

Manufacturer:	Broadcom Corporation
Package/Case:	BGA
Product Type:	Switches
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Obsolete



Images are for reference only

[Inquiry](#)

General Description

Highly integrated solution ideally suited for standalone Gigabit Ethernet switches and Gigabit Ethernet control plane and backplane applications. It combines all the functions of a high-speed switch system — including packet buffer, serializer/deserializer (SerDes), media access controllers, address management and a nonblocking switch fabric — into a single 0.13-micron CMOS device. The BCM5387 complies with IEEE 802.3, 802.3u, 802.3ab and 802.3x specifications, including the MAC control, pause frame and autonegotiation subsections, providing compatibility with all industry-standard Ethernet, Fast Ethernet and Gigabit Ethernet devices. For documentation and support, visit [Broadcom Communities](#)

Key Features

Low-power 0.13-micron 1.2 V CMOS core: <1.5W Pd.

Eighth-generation switch on a chip

Enables a new generation of lower-cost switches with Gigabit Ethernet connectivity and much smaller form factors

Uses field-proven industry-standard Gigabit Ethernet SerDes, which lowers overall system interoperability and reliability risks.

Application

Servers

Blade Servers

IP Telephones

VoIP Residential Terminal Adapters

Carrier Access Products

Enterprise LAN Switching

Embedded Switching

Customer Premise Equipment

SMB Switching

Wireless Routers

Home and Small Business Servers
(switching)

Connected Audio + Video



Recommended For You

BCM47755KUB1G

Broadcom Corporation

BGA

BCM3349KFBG

Broadcom Corporation

BGA

BCM5751KFBG

Broadcom Corporation

BGA

BCM88675CB0KFSBG

Broadcom Corporation

BGA

BCM3348KPB

Broadcom Corporation

BGA

BCM5787MKFBG

Broadcom Corporation

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BCM3349KPBG

Broadcom Corporation

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BCM5789KFBG

Broadcom Corporation

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BCM5320MKPBG

Broadcom Corporation

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BCM3380

Broadcom Corporation

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BCM5701

Broadcom Corporation

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