Ethernet Switch 8-Port 2000Mbps 400-Pin PBGA

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

Images are for reference only

Inquiry

General Description

Ninth-generation RoboSwitch™ design based on the field-proven BCM5320 device.This integrated 0.13-micron CMOS device combines all the functions of a high-speed switch system including packet buffers, PHY transceivers, Media Access Controllers (MACs), address management and a non-blocking switch fabric. It is designed to be fully compliant with the IEEE 802.3 and IEEE 802.3x specifications, including the MAC control PAUSE frame, auto-negotiation, and with all industry-standard Ethernet and fast Ethernet devices. The BCM53202M contains eight full-duplex 10BASE-T/100BASE-TX fast Ethernet transceivers with advanced cable diagnostics support. Each performs all of the physical layer interface functions for 10BASE-T Ethernet on Category 3, 4 or 5 Unshielded Twisted Pair (UTP) cable and 100BASE-TX fast Ethernet on Category 5 UTP cable. In addition, the BCM53202M has two GMII/RGMII/TBI interfaces that provide flexible 10/100/1000BASE-TX/FX connectivity. An additional MAC is included for CPU connection via RvMII, or MII interface. For documentation and support, visit Broadcom Communities

Key Features

Ninth-generation L2+ fast Ethernet switch with two GMII/RGMII/TBI interfaces including eight port 10/100 transceivers for TX/EFX, advanced cable diagnostic support, nine 10/100 MACs, two Gigabit MACs, 3-Mbit (384 KB) packet buffer and control memory, and management port with RvMII/MII interface

Non-blocking switch fabric for eight FE and two GbE ports

Link aggregation support with automatic link fail-over

Programmable per-port bandwidth/rate control

Application

Access Points

Home and Small Business Servers (switching)

Connected Audio + Video

Recommended For You

BCM47755KUB1G	**BCM3349KFBG**	**BCM5751KFBG**
Broadcom Corporation	Broadcom Corporation	Broadcom Corporation
BGA	BGA	BGA

BCM5387KFBG	**BCM88675CB0KFSBG**	**BCM3348KPB**
Broadcom Corporation	Broadcom Corporation	Broadcom Corporation
BGA	BGA	BGA

BCM5787MKFBG	**BCM3349KPBG**	**BCM5789KFBG**
Broadcom Corporation	Broadcom Corporation	Broadcom Corporation
BGA	BGA	BGA

BCM3380	**BCM5701**	**BCM56960B1KFSBG**
Broadcom Corporation	Broadcom Corporation	Broadcom Corporation
BGA	BGA	BGA

BCM5702	**BCM3300**	**BCM3349**
Broadcom Corporation	Broadcom Corporation	Broadcom Corporation
BGA	BGA	BGA