



	<b>BCM5325M</b>	<b>BCM5328M</b>	<b>BCM5338M</b>	<b>BCM5380M</b>	<b>BCM5388</b>	<b>BCM5345M</b>
<b>Port configuration</b>	8- to 24-port	8- to 24-port	8- to 32-port, cascade via turbo-MII	8+2 to 24+6, cascade via GbE ports	8 GbE ports: 4 int GPHY, 4 RGMII	16 ~ 24 RGMII ports
<b>Chip variants*</b>	BCM5325/25M (5 port) (5: No exp port, M: managed, No letter: EEPROM only)	BCM5326/26S/26M (6 port), BCM5327/27M (7 port) BCM5328/28S/28M (8 port) (7: No exp port, M: managed, S: SPI managed only, No letter: EEPROM only)	BCM5335 (6 port), BCM5337 (9 port), BCM5338 (9 port + exp), BCM5339 (8 port) (M: managed, S: SPI managed only, No letter: EEPROM only)	BCM5380M, BCM5382M BCM5380S, BCM5382S BCM5380, BCM5382 (2: no exp port, M: managed, S: SPI managed only, No letter: EEPROM only)	BCM5388 BCM5385 BCM5384	BCM5345 and BCM5346 (unmanaged), BCM5345M and BCM5346M (managed)
<b>10/100M ports</b>	5	8	8	8	0	0
<b>10/100/1000M ports</b>	0	0	0	2	8	16/24
<b>Integrated PHY ports</b>	5	8	8- 10/100	8- 10/100M	4- 10/100/1000M	0
<b>Initialization/management interface options</b>	SPI, MII, EEPROM	SPI, MII, EEPROM	SPI, MII, EEPROM	SPI, MII, EEPROM	SPI, EEPROM (4 sizes), no packet management	PCI, light management, remote management via GMII port 25, EEPROM
<b>Expansion port</b>	Yes	Yes	Yes	Yes	No	No
<b>Reverse MII</b>	Yes (A1)	Yes (A1)	Yes	Yes	No	Port 25th (GMII) for remote management
<b>On-chip buffer memory</b>	128 KB	256 KB	256 KB	256 KB	1.5 Mbits	512 KB with on-chip EEC
<b>Port-based VLAN</b>	Yes	Yes	No	Yes	Yes	Yes
<b>802.1Q VLAN</b>	No	No	512	4K	4K	4K
<b>Port-based trunking</b>	Yes	Yes	No	Yes	No	Yes
<b>MAC-based trunking</b>	No	No	Yes	Yes	Yes	Yes
<b>802.1d spanning tree</b>	Yes	Yes	Yes	Yes	No	Yes
<b>802.1w rapid STP</b>	No	No	Yes	No	No	Yes
<b>802.1s multiple STP</b>	No	No	Yes	No	No	Yes
<b>CoS</b>	2 queues	2 queues	4 queues	2 queues	4 queues	4 queues
<b>QoS</b>	Port, MAC	Port, MAC	Port, MAC, 802.1P, TOS, DiffServ	Port, MAC	Port, MAC, 802.1P, DiffServ	802.1p & 1q, DiffServ
<b>Jumbo frame</b>	No	No	No	No	Yes	Yes (9216 bytes)
<b>802.1x EAPOL</b>	No	No	Yes	Yes (A3)	No	Yes
<b>Port mirroring</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>IGMP Snooping</b>	L2	L2	L3	L2	No	Yes
<b>ARL table size</b>	2K	4K	4K	4K	4K	8K
<b>Multicast ARL entries</b>	2	2	4K	4K	4K	256 multicast groups with the option to cross VLAN boundary
<b>Rate control</b>	No	No	64K to 100-Mbps resolution	No	Yes	64 Kbps to 1 Gbps with resolution
<b>Protected port</b>	No	No	Yes	No	Yes	Yes
<b>MIB autocast</b>	Yes	Yes	Yes	Yes	No	Yes

\*Chip variants have different feature sets. For detailed information, refer to specific product documentation.

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