2011 PRODUCT BROCHURE

BROADCOM.
Connecting
everything®
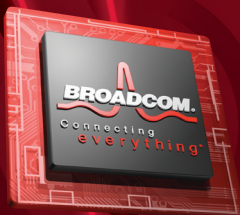
Bluetooth® Silicon and Software Solutions

Broadband Carrier Access (EPON, GPON, & xDSL)

Broadband Processors

Cable Modems

Cable, Satellite, and IPTV Set-Top Boxes

Carrier and Service Provider Networks

Data Center Networks

Digital TV

Enterprise Networks

GPS

Mobile Communications

Near Field Communication

Small-to-Medium Business Networks

Wireless Networks

www.broadcom.com

Broadband Communications

Broadband Carrier Access

EPON Solutions
Optical Line Terminals

TK3401	Multirate 1 or 2 Gbps EPON Intelligent PON Node (IPN) Controller
TK3721	1 Gbps MAC Controller for EPON Optical Line Terminals
TK3723	Dual TURBO-EPON® (1 or 2 Gbps) Optical Line Terminal SoC

Optical Network Units

BCM55030	10 Gbps EPON Optical Network Unit SoC
TK3713	EPON Optical Network Unit (ONU) SoC
TK3714	TURBO-EPON® (1 or 2 Gbps) Optical Network Unit SoC
TK3715	TURBO-EPON® (1 or 2 Gbps) Optical Network Unit SoC with Support for China's Interoperability Standard

GPON Solutions

BCM6800 Family	Single-Chip GPON Gateway Processors
BCM6816	Single-Chip GPON Home Gateway with MoCA®
BCM6818	GPON-Based Residential Gateway SoC Solution

xDSL CO Solutions

BCM6511/6526	Central Office High-Density Multi-DSL Chipset (Multimode ADSL2+/VDSL2)
BCM6512/6522	Central Office Very-High-Density ADSL2+ Chipset (All Annexes)
BCM6515	High-Performance VoIP Digital Signal Processor
BCM6516/6524	Central Office High-Performance Multi-DSL FTTB Chipset (Multimode ADSL2+/VDSL2)

xDSL CPE Solutions
Combo Solutions

BCM6362	Single-Chip IAD with Integrated ADSL2+, 802.11n, and DECT

xDSL CPE Solutions

BCM6306	VDSL2 30 AMP/6-Band and Channel Bonding Analog Front-End Solution
BCM63281	Single-Chip ADSL2+ Router/Gateway Solution
BCM6338	ADSL2+ Router Solution
BCM6358	Single-Chip ADSL2+ Integrated Access Device Solution
BCM6362	Single-Chip IAD with Integrated ADSL2+, 802.11n, and DECT
BCM6368	Residential VDSL2/ADSL2+ Gateway Solution
BCM6519	Multi-DSL Transceiver
BCM6529	Low-Power Dual-Channel Analog Front-End Device
BCM6816	Single-Chip GPON Home Gateway with MoCA®

Cable

Cable Modem Solutions
Cable Modem ICs

BCM3320	Broadband Media Processor with Integrated MoCA®
BCM3349	QAMLink® DOCSIS®/EuroDOCSIS™ 2.0 Single-Chip Cable Modem
BCM3371	Integrated DOCSIS®/EuroDOCSIS™ 2.0 High-Performance Data Gateway
BCM3378	Integrated DOCSIS®/EuroDOCSIS™ 2.0 Single-Chip Embedded Multimedia Terminal Adapter
BCM3379	Integrated DOCSIS®/EuroDOCSIS™ 2.0 Embedded Multimedia Terminal Adapter and Gateway
BCM3382	DOCSIS®/Euro-DOCSIS™ 3.0 Cable Modem SoC

Cable Modem Solutions *(cont.)*

Silicon Tuner ICs

BCM3410	QAM Low-Noise Amplifier (LNA)
BCM3421	Advanced Direct Conversion Cable Tuner
BCM3422	1 GHz Low-Power Digital Cable Silicon Tuner

Cable Set-Top Box Solutions

Demodulation/Modulation ICs

BCM3252	Dual-Channel Front-End DOCSIS® 2.0+ STB IC with Channel Bonding
BCM3255	Single-Chip Front-End DOCSIS® 2.0+ IC for HD DVR Set-Tops and Media Centers
BCM3510	HDTV/CATV Receiver
BCM3520	ATSC/VSB/NTSC Digital Cable-Ready DTV Receiver
BCM3545	QAM Digital Receiver
BCM3560	Digital TV System-on-Chip

Silicon Tuner ICs

BCM3405	Multichannel Low-Noise Amplifier (LNA)
BCM3416	Advanced Digital Cable Tuner
BCM3418	Direct Conversion Cable Tuner
BCM3450	MoCA® Power Amplifier/Low-Noise Amplifier (LNA)
BCM7002	Cable Set-Top Box Digital Transport Adapter (DTA) SoC
BCM7003	SD Cable Interactive Receiver with USB DVR
BCM7004	SD Cable Basic Receiver

Single-Chip Set-Top Box ICs

BCM7019	HD Cable SoC
BCM7025	HD Cable SoC with Integrated MoCA® 1.1
BCM7043	HD/SD AVC/MPEG Video/Audio Encoder and Transcoder/Transcaler/Transrater
BCM7115	Single-Chip Cable Set-Top Box with DVR
BCM7118	Single-Chip Digital Cable Set-Top Box with DOCSIS® 2.0 and Channel Bonding
BCM7119	HD Cable SoC
BCM7125	HD Cable SoC with Integrated MoCA® 1.1
BCM7205	Multiformat HD Digital Video/Audio SoC for Satellite, IP, and Cable DVR STBs
BCM7206	Multiformat HD Digital Video/Audio SoC for Satellite, IP, and Cable USB DVR STBs
BCM7309	Single-Chip Back-End Set-Top Decoder
BCM7400	Dual AVC/MPEG-2/VC-1 HD Digital Video Decoder for Satellite, IP, and Cable
BCM7403	Multiformat HD Digital Video/Audio SoC for Satellite, IP, and Cable DVR STBs with Watch-and-Record DVR
BCM7404	AVC/MPEG-2/MPEG-4/DivX®/VC-1 HD Digital Video SoC for Satellite, IP, and Cable
BCM7405	Multiformat HD Digital Video/Audio SoC for Satellite, IP, and Cable STBs with Picture-in-Picture
BCM7408	Client High Definition Set-Top Box SoC
BCM7410	Multiformat HD Digital Video/Audio with Embedded MoCA® for Satellite, IP, and Cable DVR STBs
BCM7420	Multiformat Dual HD Digital Video/Audio with Embedded MoCA® for Satellite, IP, and Cable DVR STBs
BCM7422	High-Performance OpenGL® 2.0 Full-Resolution 3D-TV Dual HD Set-Top Box SoC
BCM7425	High-Performance OpenGL® 2.0 Full-Resolution 3D-TV Dual HD with HD Transcoding Set-Top Box SoC
BCM7454	AVC/MPEG-2/VC-1/SD Output System-on-Chip Solution

Cable Set-Top Box Solutions *(cont.)*
Single-Chip Set-Top Box ICs *(cont.)*

BCM7466	Multiformat SD Digital Video/Audio SoC for Satellite, IP, and Cable STBs
BCM7530	ISDB-T High Definition Digital Terrestrial Converter Box SoC
BCM7540	ISDB-T High Definition Digital Terrestrial Converter Box SoC
BCM7580	HD Cable Converter Box Solution with DVB-C Tuner and AVS

CMTS Products

BCM3034	Universal 1024-QAM Modulator
BCM3040	Universal DOCSIS® 2.0-Based Downstream Modulator
BCM3140	Dual Universal DOCSIS®/EuroDOCSIS™ 2.0 Burst Receiver
BCM3142	12-Channel Universal DOCSIS®/EuroDOCSIS™ 3.0 Burst Receiver
BCM3214	DOCSIS®/EuroDOCSIS™ 2.0-Based CMTS MAC
BCM3215	Octal Downstream DOCSIS®/EuroDOCSIS™ 3.0-Based CMTS MAC
BCM3216	Upstream DOCSIS®/EuroDOCSIS™ 3.0-Based CMTS MAC

Digital Transport Adapters

BCM3545	QAM Digital Receiver
BCM7002	Cable Set-Top Box Digital Transport Adapter (DTA) SoC
BCM7004	SD Cable Basic Receiver
BCM7572	High Definition Digital Transport Adapter (DTA) Cable Set-Top Box SoC

High Definition Audio/Video/Graphics System Processors

BCM3510	HDTV/CATV Receiver
BCM3520	ATSC/VSB/NTSC Digital Cable-Ready DTV Receiver
BCM7400	Dual AVC/MPEG-2/VC-1 HD Digital Video Decoder for Satellite, IP, and Cable
BCM7410	Multiformat HD Digital Video/Audio with Embedded MoCA® for Satellite, IP, and Cable DVR STBs
BCM7420	Multiformat Dual HD Digital Video/Audio with Embedded MoCA® for Satellite, IP, and Cable DVR STBs

MPEG-2 Digital Audio/Video Encoders

BCM7043	HD/SD AVC/MPEG Video/Audio Encoder and Transcoder/ Transcaler/Transrater

Consumer Electronics

Blu-ray® High Definition DVD Solutions

BCM7630	Single-Chip Front- and Back-End Solution for Blu-ray® High Definition DVD Players and Networked Applications
BCM7631	Single-Chip Front- and Back-End Solution for Blu-ray® High Definition DVD Players and Networked Applications
BCM7632	Single-Chip Solution for Blu-ray® High Definition DVD Players, Recorders, and Networked Applications
BCM7633	Single-Chip Front- and Back-End Solution for Blu-ray® High Definition DVD Players and Networked Applications with 3D Support
BCM7634	Single-Chip Front- and Back-End Solution for Blu-ray® High Definition DVD Players and Networked Applications with 3D Support

Consumer Electronics *(cont.)*

High Definition Audio/Video/Graphics System Processors
BCM3510	HDTV/CATV Receiver
BCM3520	ATSC/VSB/NTSC Digital Cable-Ready DTV Receiver
BCM7400	Dual AVC/MPEG-2/VC-1/MPEG-4 Part 2/DivX® HD Digital Video SoC Solution for Satellite, IP, and Cable
BCM7410	Multiformat HD Digital Video/Audio with Embedded MoCA® for Satellite, IP, and Cable DVR STBs
BCM7420	Multiformat Dual HD Digital Video/Audio with Embedded MoCA® for Satellite, IP, and Cable DVR STBs

Netbook Solutions
BCM70015	Low-Power PCI Express® HD Media Processor

Digital TV

Digital TV Solutions
BCM35121	ATSC-Based Low-Cost Connected TV SoC
BCM35125	Global 50/60 Hz Low-Cost Connected TV SoC
BCM35230	Global 120 Hz Connected TV SoC
BCM3549	Full HD 1080p Multiformat Decoder-Connected Digital TV System-on-Chip
BCM3556	Full HD 1080p Multiformat Decoder-Connected Digital TV System-on-Chip

IPTV

IPTV Solutions
BCM7205	Multiformat HD Digital Video/Audio SoC for Satellite, IP, and Cable DVR STBs
BCM7206	Multiformat HD Digital Video/Audio SoC for Satellite, IP, and Cable STBs
BCM7208	Multiformat HD Digital Video/Audio SoC for Satellite, IP, and Cable STBs
BCM7405	Multiformat HD Digital Video/Audio SoC for Satellite, IP, and Cable STBs with Picture-in-Picture
BCM7408	AVC/MPEG-2/VC-1 HD DVR for Cable, Satellite, and IP STBs
BCM7413	Multiformat HD Digital Video/Audio SoC with DVR and 3D Graphics
BCM7414	AVC/MPEG-2/VC-1 HD Digital Video for Cable, Satellite, and IP STBs
BCM7466	Multiformat HD Digital Video/Audio SoC for Satellite, IP, and Cable STBs
BCM7468	Multiformat SD Digital Video/Audio SoC for Satellite, IP, and Cable STBs
BCM7550	Multiformat SD Digital Video/Audio SoC for Satellite, IP, and Cable STBs

Satellite

HDTV/SDTV Video, Graphics, and Receiver Products
BCM3430	8PSK Digital Satellite Tuner
BCM4500	8PSK/TC Advanced Modulation Satellite Receiver
BCM4505	DVB-S2 Advanced Modulation Satellite Receiver
BCM4506	Dual DVB-S2 Advanced Modulation Satellite Receiver
BCM7400	Dual AVC/MPEG-2/VC-1/MPEG-4 Part 2/DivX® HD Digital Video SoC Solution for Satellite, IP, and Cable

MPEG-2 Digital Audio/Video Encoders
BCM7043	HD/SD AVC/MPEG Video/Audio Encoder and Transcoder/Transcaler/Transrater

Satellite *(cont.)*

Satellite Set-Top Box Solutions

BCM7205	Multiformat HD Digital Video/Audio SoC for Satellite, IP, and Cable DVR STBs
BCM7206	Multiformat HD Digital Video/Audio SoC for Satellite, IP, and Cable USB DVR STBs
BCM7312	Single-Chip Satellite Set-Top Decoder
BCM7324	Standard Definition Satellite System-on-Chip with Integrated DVB-S2
BCM7325	High Definition Satellite System-on-Chip with Integrated DVB-S2
BCM7335	High Definition DVR Satellite System-on-Chip
BCM7340	HD Satellite SoC with Power Management and MoCA® for Home Networking
BCM7342	HD DVR Satellite SoC with Power Management and MoCA® for Home Networking
BCM7344	Single-Tuner HD AVC Satellite Receiver with MoCA®
BCM7346	Dual-Tuner HD AVC Satellite Receiver with MoCA®
BCM7350	HD Satellite SoC with Power Management
BCM7352	HD DVR Satellite SoC with Power Management
BCM7354	Single-Tuner HD AVC Satellite Receiver
BCM7356	Dual-Tuner HD AVC Satellite Receiver
BCM7408	Thin Client SoC with Integrated MoCA®
BCM7466	Multiformat SD Digital Video/Audio SoC for Satellite, IP, and Cable STBs

Mobile & Wireless

Applications and Multimedia Processors

IP Communications Solutions

BCM11107	Persona™ Media Gigabit IP Communications Processor
BCM11109	Persona™ Prime Gigabit IP Communications Processor
BCM11140	Persona™ ICE Gigabit IP Communications Processor
BCM11170	Persona™ Classic Fast Ethernet IP Communications Processor
BCM11181	Persona™ Presence 720p HD Multimedia Coprocessor
BCM11182	Persona™ ICE 1080p HD Multimedia Coprocessor
BCM11195	Persona™ Entry Fast Ethernet IP Communications Processor
BCM11221	Persona™ Media IP Communications Processor
BCM1190	Low-Cost Fast Ethernet VoIP Processor

Stand-Alone Media Terminal Adapters

BCM1111	VoIP CPE Engine

Tablet Application Processors

BCM11181	Persona™ Presence 720p HD Multimedia Coprocessor
BCM11182	Persona™ ICE 1080p HD Multimedia Coprocessor
BCM11211	Persona™ Media Processor
BCM11300	Persona™ ICE Single Core Application & Multimedia Processor
BCM11311	Persona™ ICE Dual Core Application & Multimedia Processor

Wi-Fi® Phone Solutions

BCM1161	Mobile VoIP Processor

Bluetooth®

Bluetooth® RF Silicon and Software Solutions

Combo Solutions

BCM2048	Bluetooth® EDR + FM Radio Single-Chip Solution
BCM2049	Single-Chip Bluetooth® 2.1 + EDR with Integrated FM Transceiver
BCM2075	Multifunction Monolithic IC with AGPS, Bluetooth® 2.1 + EDR, and Integrated FM Transceiver
BCM20751	Bluetooth® + GPS + FM Combination ('Combo') Chip Solution
BCM4325	Low-Power 802.11a/b/g with Bluetooth® 2.1 + EDR and FM
BCM4329	Low-Power 802.11n with Bluetooth® 2.1 + EDR and FM (TX and RX)
BCM943224HMB	Dual-Band 802.11n and Bluetooth® 3.0 Half MiniCard Reference Design
BCM943225HMB	Single-Band 802.11n and Bluetooth® 3.0 Half MiniCard Reference Design

Blutonium® Bluetooth® Silicon

BCM2004	Bluetooth® Radio for QUALCOMM®-Based Handsets
BCM2044	Single-Chip Bluetooth® Mono Headset IC
BCM2044S	ROM-Based Noise and Echo Reduction Mono Headset IC
BCM2047	Single-Chip Bluetooth® Wireless Audio Solution with DSP
BCM2049	Single-Chip Bluetooth® 2.1 + EDR with Integrated FM Transceiver
BCM2070	Single-Chip Bluetooth® 2.1 + EDR HCI Solution
BCM20730	Single-Chip Bluetooth® 3.0-Compliant Solution + Integrated 2.4 GHz Transceiver for Wireless Input Devices
BCM20733	Single-Chip Bluetooth® 3.0-Compliant + EDR Solution + Integrated 2.4 GHz Transceiver for Wireless Input Devices
BCM20740	Advanced Headset Solution with Fast Charge and Wind Noise Reduction
BCM20741	ROM-Based, Single-Microphone, Mono Headset IC with Noise and Echo Reduction
BCM20742	ROM-Based, Dual-Microphone, Mono Headset IC with Noise and Echo Reduction
BCM2075	Multifunction Monolithic IC with AGPS, Bluetooth® 2.1 + EDR, and Integrated FM Transceiver
BCM20751	Bluetooth® + GPS + FM Combination ('Combo') Chip Solution
BCM4325	Low-Power 802.11a/b/g with Bluetooth® 2.1 + EDR and FM
BCM4329	Low-Power 802.11n with Bluetooth® 2.1 + EDR and FM (TX and RX)

Widcomm® Bluetooth® Software

BCM1000-BTLA	Bluetooth® Communications Software for Android™ Mobile Technology Platform
BCM1000-BTW	Bluetooth® Communications Software for Windows®
BCM1000-BTWM	Bluetooth® Communications Software for Windows Mobile®
BCM1000-VPP	Bluetooth® Communications Software for Windows® 7 and Vista®
BCM1200-BTE	Bluetooth® Communication Software for Embedded Systems
BCM1200-BTEM	Bluetooth® Communication Software for Mobile Phones
BCM1600-BTE	BTE-Audio Software and Development Environment

Cellular

Cellular RF
BCM21331   65 nm EDGE SoC Baseband + RF + Multimedia

Entry Segment
Entry Single-Chip Solutions
BCM21334   65 nm EDGE SoC Baseband + RF + Multimedia
Entry High-Performance EDGE Platform
BCM21334 +   312 MHz ARM 9, Integrated ISP, 65 nm EDGE SoC
BCM5903x   Baseband Processor, RF, and Power Management

Mainstream Segment
Mainstream ICs
BCM2091   65 nm HSPA Multimode/Multiband 2G/3G RF Transceiver
BCM2157   65 nm 7.2 Mbps HSDPA Baseband Processor
BCM21553   60 nm 7.2 Mbps/5.8 Mbps HSPA Multimedia
         Baseband Processor
BCM59035   Mobile Power Management Unit
Mainstream Low-Cost Android™ Platform
BCM2157 +   500 MHz ARM 11, 65 nm 7.2 Mbps HSDPA Baseband
BCM59035   Processor and Power Management
Mainstream Low-Cost HSPA 3D Android™ Platform
BCM2091 +   832 MHz ARM11, OpenGL® 2.0 60nm 7.2 Mbps/5.8 Mbps
BCM21553 +   HSPA Multimedia Baseband Processor, RF, and
BCM59035   Power Management

Mobile TV Receivers
BCM2930   DVB-T Single-Chip Tuner + Demodulator for
         Mobile Applications
BCM2940   DVB-H and DVB-T Single-Chip Tuner + Demodulator for
         Mobile Applications

GPS

GPS Silicon Solutions
Combo Solutions
BCM2075   Multifunction Monolithic IC with AGPS, Bluetooth® 2.1 +
         EDR, and Integrated FM Transceiver
BCM2076   Multifunction Monolithic IC with AGPS (GPS/SBAS/QZSS/
         GLONASS), Bluetooth® 4.0, and Integrated FM (TX and RX)
GPS Silicon ICs
BCM2075   Multifunction Monolithic IC with AGPS, Bluetooth® 2.1 +
         EDR, and Integrated FM Transceiver
BCM2076   Multifunction Monolithic IC with AGPS (GPS/SBAS/QZSS/
         GLONASS), Bluetooth® 4.0, and Integrated FM (TX and RX)
BCM4750   Single-Chip AGPS Solution
BCM4751   Integrated Monolithic GPS Receiver
BCM4760   Personal Navigation System-on-Chip

Location-Based Services
AGPS-WWRN   Assisted-GPS Worldwide Reference Network
LTO-AGPS   Long Term Orbits (LTO) with Assisted-GPS (AGPS)
SUPL-SLP   Hosted Secure User Plane Location (SUPL) Location
         Platform (SLP)

Near Field Communication (NFC)

Near Field Communication Solutions
BCM20203	Near Field Communication (NFC)/13.56 MHz Radio Frequency Identification Read/Write Solution

Wireless LAN

802.11 Wireless LAN Solutions
Combo Solutions
BCM4319	Single-Chip 802.11a/b/g/n MAC/Baseband/Radio
BCM4325	Low-Power 802.11a/b/g with Bluetooth® 2.1 + EDR and FM
BCM4329	Low-Power 802.11n with Bluetooth® 2.1 + EDR and FM (TX and RX)
BCM94313HM-GBEPA	1x1 802.11n and Bluetooth® 3.0 High-Speed Half MiniCard Reference Design
BCM943224HMB	Dual-Band 802.11n and Bluetooth® 3.0 Half MiniCard Reference Design
BCM943225HMB	Single-Band 802.11n and Bluetooth® 3.0 Half MiniCard Reference Design

802.11 WLAN ICs
BCM4312	802.11a/b/g Transceiver for SDIO and PCI Express®
BCM4313	InConcert® Wi-Fi® and Bluetooth® Coexistence Interface for Single/Dual Antenna Designs
BCM4318E	802.11b/g Transceiver with BroadRange® Technology
BCM4319	Single-Chip 802.11a/b/g/n MAC/Baseband/Radio
BCM4322	Intensi-fi® Single-Chip 802.11n Transceiver
BCM43224	Dual-Band 802.11n 2x2 PCI Express® Half MiniCard
BCM4323	Intensi-fi® XLR Single-Chip 802.11n USB Solution
BCM4323x Family	Intensi-fi® XLR Media Family
BCM43234	Dual-Band 802.11n 1x1 Single-Chip USB Solution
BCM43235	Single-Band 802.11n 2x2 Single-Chip USB Solution
BCM43236	Dual-Band 802.11n 2x2 Single-Chip USB Solution
BCM4325	Low-Power 802.11a/b/g with Bluetooth® 2.1 + EDR and FM
BCM4329	Low-Power 802.11n with Bluetooth® 2.1 + EDR and FM (TX and RX)
BCM4331	Single-Chip 802.11n Dual-Band 3x3 Wireless Solution
BCM4342	Intensi-fi® Single-Chip 802.11n Enterprise Solution
BCM4717	Intensi-fi® XLR 802.11n (2.4/5 GHz) Router System-on-Chip
BCM4718	Intensi-fi® XLR 802.11n Simultaneous Dual-Band (2.4/5 GHz) Router System-on-Chip
BCM47186	Intensi-fi® XLR 2x2 802.11n (2.4/5 GHz) Router Solution
BCM5356x Family	802.11b/g and Single-Stream 802.11n 2.4 GHz Router
BCM5357	Intensi-fi® XLR 802.11n Router Solution
BCM5358x Family	802.11n VoIP Router Solutions with 3G/4G Support
BCM94313HM-GBEPA	1x1 802.11n and Bluetooth® 3.0 High-Speed Half MiniCard Reference Design
BCM943224HMB	Dual-Band 802.11n and Bluetooth® 3.0 Half MiniCard Reference Design
BCM943225HMB	Single-Band 802.11n and Bluetooth® 3.0 Half MiniCard Reference Design
BCM94322HMC	Dual-Band 802.11n PCI Express® Half MiniCard Reference Design
BCM94717	802.11n (2.4/5 GHz) Router Reference Design

Wi-Fi® Phone Solutions
BCM1161	Mobile VoIP Processor

Network Infrastructure

Ethernet Controllers

Enterprise Client
Client Manageability

BCM5761	10/100/1000BASE-T Ethernet Controller with Integrated Security and TruManage™ Technology
BCM5761E	10/100/1000BASE-T Ethernet Controller with Integrated Security, TruManage™ Technology and Docking Switch

Gigabit Ethernet Controllers

BCM5705M	10/100/1000BASE-T Ethernet Controller with Integrated Transceiver
BCM5752	NetXtreme® Gigabit Ethernet Controller with Integrated TPM1.2 for Desktops
BCM5752M	NetXtreme® Gigabit Ethernet Controller with Integrated TPM1.2 for Mobile PCs
BCM5755	10/100/1000BASE-T Ethernet Controller with Integrated Transceiver
BCM5755M	10/100/1000BASE-T Ethernet Controller with Integrated Transceiver
BCM5756M	10/100/1000BASE-T Ethernet Controller with Integrated Transceiver

Enterprise Server
10-Gigabit Ethernet Controllers

BCM57711	Dual-Port 10G/2500/1000BASE-X TOE, RDMA, iSCSI PCI Express® Ethernet Controller
BCM57712	Dual-Port 10GBASE-CX4/1000BASE-KX4 iSCSI, FCoE, TOE, & RDMA PCI-SIG SR-IOV PCI Express® Gen-2 Controller with DCBx

Gigabit Ethernet Controllers

BCM5704C	Dual-Port 10/100/1000BASE-T PCI-X® Ethernet Controller with Integrated Transceiver
BCM5704S	Dual-Port 1000BASE-X Ethernet Controller
BCM5706	10/100/1000BASE-T TOE, RDMA, ISCSI/ISER Ethernet Controller
BCM5708C	10/100/1000BASE-T TOE PCI Express® Ethernet Controller
BCM5708S	1000/2500BASE-X TOE, RDMA, iSCSI PCI Express® Ethernet Controller
BCM5709C	Dual-Port 10/100/1000BASE-T TOE PCI Express® Ethernet Controller
BCM5709S	Dual-Port 10/100/1000BASE-T TOE PCI Express® Ethernet Controller
BCM5714C	PCI Express®-to-PCI-X® I/O Bridge with Integrated Dual Gigabit Ethernet Ports
BCM5714S	PCI Express®-to-PCI-X® I/O Bridge with Integrated Dual Gigabit Ethernet Ports
BCM5715C	Dual-Port Gigabit Ethernet Controller with a PCI Express® Host Interface
BCM5715S	Dual-Port Gigabit Ethernet Controller with a PCI Express® Host Interface
BCM5718	x2 PCI Express® Dual-Port Gigabit Ethernet Controller
BCM5722	Integrated Gigabit Ethernet Controller with Integrated Transceiver
BCM5723	NetXtreme® Gigabit Ethernet Controller for Servers

Ethernet Controllers *(cont.)*

Home

Fast Ethernet Controllers

BCM5906M	10/100BASE-T Ethernet Controller with Integrated Transceiver

Gigabit Ethernet Controllers

BCM57781	NetXtreme® Gigabit Ethernet Controller with Integrated EEE Compliant Transceiver
BCM57785	NetXtreme® Gigabit Ethernet Controller with Integrated Card Reader and EEE Compliant Transceiver
BCM5788	NetLink® Gigabit Ethernet Controller with PHY
BCM5788M	NetLink® Gigabit Ethernet Controller with PHY for Mobile Applications
BCM5789	NetLink® Gigabit Ethernet Controller with PCI Express®

Small Business

Fast Ethernet Controllers

BCM5906M	10/100BASE-T Ethernet Controller with Integrated Transceiver

Gigabit Ethernet Controllers

BCM5754	10/100/1000BASE-T Ethernet Controller with Integrated Transceiver
BCM5754M	10/100/1000BASE-T Ethernet Controller with Integrated Transceiver
BCM5764M	NetXtreme® Gigabit Ethernet Controller with ASF 2.0
BCM57761	NetXtreme® Gigabit Ethernet Controller with Integrated ASF 2.0 and EEE Compliant Transceiver
BCM57765	NetXtreme® Gigabit Ethernet Controller with Integrated SDXC Card Reader, ASF and EEE Compliant Transceiver

Physical Layer

10-Gigabit Ethernet PHYs

Backplane

BCM8071	XAUI™-to-Serial 10GBASE-KR Backplane Transceiver
BCM8073	XAUI™-to-Dual-Channel Serial 10GBASE-KR Backplane Transceiver

Optical

BCM84753	Quad-Channel 10-GbE SFI-to-XFI PHY with EDC
BCM84754	Quad-Channel 10-GbE SFI-to-XFI PHY with EDC
BCM8704	Serial 10-GbE/Fibre Channel Transceiver with XAUI™ Interface
BCM8705	Serial 10-GbE/FC/SONET LAN/WAN PHY with XAUI™ Interface
BCM8706	XAUI™-to-Serial 10GBASE-LRM Transceiver
BCM8707	Single-Channel 10-GbE SFI-to-XAUI™ Transceiver with EDC
BCM8724	Dual 10-Gigabit Ethernet XFI-to-XAUI™ Transceiver
BCM8725	Dual 10-Gigabit Ethernet XFI-to-XAUI™ LAN/WAN Transceiver
BCM8726	Dual-Channel 10-GbE SFI-to-XAUI™ Transceiver with EDC
BCM8727	Dual-Channel 10-GbE SFI-to-XAUI™ Transceiver with EDC
BCM8728	Dual-Channel 10-GbE SFI-to-XAUI™ Transceiver with EDC/Sync-E
BCM8752	Dual-Channel 10-Gigabit Ethernet SFI-to-XFI PHY with EDC
BCM8753	Quad-Channel 10-Gigabit Ethernet SFI-to-XFI PHY with EDC
BCM8754	Quad-Channel 10-Gigabit Ethernet SFI-to-XFI PHY with EDC

SerDes

BCM8011	4-Channel 3.125-GbE CMOS Transceiver
BCM8020	8-Channel Multirate 1.0 Gbps-3.2 Gbps Transceiver
BCM8021	4-Channel Multirate 1.0 Gbps-3.2 Gbps Transceiver with High-Speed Redundancy

10-Gigabit Ethernet PHYs *(cont.)*
SerDes *(cont.)*

BCM8022	XAUI™-to-10GBASE-CX4 Retimer
BCM8040	8-Channel Multirate 1.0 Gbps-3.2 Gbps Retimer Switch
BCM8071	XAUI™-to-Serial 10GBASE-KR Backplane Transceiver
BCM8073	XAUI™-to-Dual-Channel Serial 10GBASE-KR Backplane Transceiver

Twisted Pair Copper

BCM84823B	Dual-Port 10GBASE-T Transceiver
BCM84831	10GBASE-T Transceiver
BCM84833	Dual-Port 10GBASE-T Transceiver
BCM84834	Four-Port 10GBASE-T Transceiver

BroadR-Reach® PHYs

BCM54810	Single-Port 10/100/1000BASE-T Gigabit Ethernt BroadR-Reach® Transceiver
BCM54880	Octal-Port 10/100/1000BASE-T Gigabit Copper BroadR-Reach® Transceiver
BCM54881	Octal-Port 10/100BASE-TX Ethernet BroadR-Reach® Transceiver

Fast Ethernet PHYs
Single/Dual PHY

BCM5221	Single-Port RMII 10/100BASE-TX Transceiver
BCM5222	Dual-Port MII 10/100BASE-TX Transceiver
BCM5241	Single-Port MII 10/100BASE-TX Transceiver

Quad PHY

BCM5208R	10/100BASE-TX/FX Transceiver

Octal PHY

BCM5228	10/100BASE-TX Transceiver
BCM5248	10/100BASE-TX/FX Transceiver

Fibre Channel PHYs

BCM8421	Intelligent 1/2/4 Gb Fibre Channel Retimer/Repeater with EyeOpener®
BCM8422	4-Channel 1/2/4 Gb Fibre Channel Loop Circuit with EyeOpener®
BCM8426	12-Channel 1/2/4 Gb Fibre Channel Loop Circuit with EyeOpener®

Gigabit Ethernet PHYs
Single

BCM5461	10/100/1000BASE-T Gigabit Copper Transceiver
BCM54610	10/100/1000BASE-T Gigabit Copper Transceiver with RGMII Interface
BCM54612E	Single-Port RGMII to 10/100/1000BASE-T Gigabit Copper Transceiver with IEEE 802.3az EEE Support
BCM54614E	Single-Port RGMII to 1000/100/10BASE-T GbE Transceiver with IEEE 1588v2 and IEEE 802.3az EEE Support
BCM54616	10/100/1000BASE-T Gigabit Copper Transceiver with GMII Interface
BCM54616S	10/100/1000BASE-T Gigabit Transceiver with Copper/Fiber Media Interface
BCM54618E	Single-Port GMII to 10/100/1000BASE-T Gigabit Copper Transceiver with IEEE 802.3az EEE Support
BCM54619E	Single-Port GMII to 1000/100/10BASE-T GbE Transceiver with IEEE 1588v2 and IEEE 802.3az EEE Support
BCM5461S	10/100/1000BASE-T Gigabit Transceiver with Copper/Fiber Media Interface
BCM5481	10/100/1000BASE-T Gigabit Copper Transceiver

Gigabit Ethernet PHYs *(cont.)*

Dual

BCM5482	Dual-Port 10/100/1000BASE-T Gigabit Copper Transceiver
BCM5482S	Dual-Port 10/100/1000BASE-T Gigabit Transceiver with Copper/Fiber Media Interface
BCM5482SE	Dual-Port 10/100/1000BASE-T Gigabit Transceiver with Copper/Fiber Media Interface/Sync-E
BCM8012S	Dual-Port 1000BASE-X/100BASE-FX Transceiver

Quad

BCM54640E	Quad-Port SGMII 10/100/1000BASE-T or Fiber Transceiver with IEEE 1588v2 and IEEE 802.3az EEE Support
BCM5464R	Quad-Port 10/100/1000BASE-T Gigabit Copper Transceiver
BCM5464SR	Quad-Port 10/100/1000BASE-T Gigabit Transceiver with Copper/Fiber Media Interface
BCM5466R	Quad-Port 10/100/1000BASE-T Gigabit Copper Transceiver
BCM5466SR	Quad-Port 10/100/1000BASE-T Gigabit Transceiver with Copper/Fiber Media Interface

Octal

BCM54680	Octal-Port 10/100/1000BASE-T Gigabit Copper Transceiver
BCM54680E	Octal-Port SGMII 10/100/1000BASE-T GbE Copper Transceiver with IEEE 802.3az EEE Support
BCM54684	Octal-Port 10/100/1000BASE-T Gigabit Copper Transceiver
BCM54880	Octal-Port 10/100/1000BASE-T Gigabit Copper BroadR-Reach® Transceiver
BCM54880E	Octal-Port SGMII 1000/100/10BASE-T GbE Transceiver with IEEE 1588v2 and IEEE 802.3az EEE Support
BCM5488R	Octal-Port 10/100/1000BASE-T Gigabit Copper Transceiver
BCM5488S	Octal-Port 10/100/1000BASE-T Gigabit Copper Transceiver
BCM54980	Octal-Port 10/100/1000BASE-T Gigabit Copper Transceiver
BCM54981	Octal-Port 10/100/1000BASE-T Gigabit Copper Transceiver with Remote PHY

Optical Transport Products

10G CDRs

BCM8102	SONET/SDH Quad-Rate Small Form Factor EyeOpener®
BCM8302	Dual Multirate Low-Power 8.5G-11.4G CDR with EyeOpener®
BCM8304	Quad Multirate Low-Power 8.5G-11.4G CDR with EyeOpener®
BCM8305	Quad Low-Power 10.3125 Gbps CDR with EyeOpener®

10G Mux/Demux

BCM8105	Multirate 10 Gbps CDR/Demultiplexer with Electronic Dispersion Compensation
BCM8108	Multirate 10 Gbps SONET/SDH/10-GbE/FC/FEC Transmitter Multiplexer
BCM8109	Multirate 10 Gbps SONET/SDH/10-GbE/FC/FEC Demultiplexer
BCM8124	Low-Jitter 10 Gbps 16:1 Multiplexer with Clock Generation and MSA Features
BCM8125	10 Gbps 1:16 Demultiplexer with CDR and Limiting Amplifier
BCM8128	Multirate 10 Gbps SONET/SDH/10-GbE/FEC Transmitter
BCM8129	Multirate 10 Gbps SONET/SDH/10-GbE/FEC Demultiplexer Receiver

Physical Layer *(cont.)*

Optical Transport Products *(cont.)*

10G Transceivers

BCM8152	10 Gbps Transceiver with Bus Skew and Limiting Amplifier
BCM8154	Multirate Low-Power 9.9G-11.4G NRZ/Duobinary Transceiver with 10G Clock
BCM8155	Multirate Low-Power 8.5G-11.4G RZ/NRZ/Duobinary Transceiver with 10G Clock
BCM8156	Multirate Low-Power 9.9G-11.4G XFI-to-SFI-4.1 Transceiver
BCM8157	Multirate Low-Power 8.5G-11.4G XFI to SFI-4.1 Transceiver
BCM8167	Dual Multirate Low-Power 8.5G-11.4G NRZ Optical Transport PHY

2.5G Transceivers

BCM8211	2.488 Gbps Transceiver with Internal Loop Timing
BCM8220	2.488/2.667 Gbps SONET/SDH Transceiver
BCM8228	VariRate™ Multirate Transceiver with SONET Rate Adaptation and PM

FEC Products

BCM8512	10 Gb DWDM OTU-2 Transport Processor with G.709 FEC, SONET/SDH/10-GbE Performance Monitor

Power over Ethernet Products

BCM59101	Quad Integrated IEEE 802.3af-Compliant Controller
BCM59103	Quad Integrated IEEE 802.3at-Compliant Controller
BCM59105	Quad Integrated BroadR-Reach® PoE Controller
BCM59111	Quad Integrated IEEE 802.3at-Compliant PSE Controller

Processors

Carrier and Service Provider

BCM1122	Single-Core Processor for Control Plane Applications
BCM1125H	Single-Core 64-bit MIPS® Processor with GbE, PCI, HT
BCM1250	Dual-Core 64-bit MIPS® Processor with GbE, PCI, HT
BCM1255	Dual-Core 64-bit MIPS® Processor with DDR2, GbE, PCI-X®
BCM1280	Dual-Core 64-bit MIPS® Processor with DDR2, GbE, SPI-4/HT
BCM1455	Quad-Core 64-bit MIPS® Processor with DDR2, GbE, PCI-X®
BCM1480	Quad-Core 64-bit MIPS® Processor with DDR2, GbE, SPI-4/HT
BCM53001	Single-Core 32-bit 400 MHz MIPS® Processor with DDR2, PCI Express®, and RGMII
BCM53003	Single-Core 32-bit 600 MHz MIPS® Processor with DDR2, PCI Express®, RGMII, and SGMII

Data Center

BCM1250	Dual-Core 64-bit MIPS® Processor with GbE, PCI, HT
BCM1255	Dual-Core 64-bit MIPS® Processor with DDR2, GbE, PCI-X®
BCM1280	Dual-Core 64-bit MIPS® Processor with DDR2, GbE, SPI-4/HT
BCM1455	Quad-Core 64-bit MIPS® Processor with DDR2, GbE, PCI-X®
BCM1480	Quad-Core 64-bit MIPS® Processor with DDR2, GbE, SPI-4/HT

Enterprise

BCM1122	Single-Core Processor for Control-Plane Applications
BCM1125H	Single-Core 64-bit MIPS® Processor with GbE, PCI, HT
BCM1250	Dual-Core 64-bit MIPS® Processor with GbE, PCI, HT
BCM1255	Dual-Core 64-bit MIPS® Processor with DDR2, GbE, PCI-X®
BCM1280	Dual-Core 64-bit MIPS® Processor with DDR2, GbE, SPI-4/HT

Processors *(cont.)*

Enterprise *(cont.)*

BCM1455	Quad-Core 64-bit MIPS® Processor with DDR2, GbE, PCI-X®
BCM1480	Quad-Core 64-bit MIPS® Processor with DDR2, GbE, SPI-4/HT
BCM53001	Single-Core 32-bit 400 MHz MIPS® Processor with DDR2, PCI Express®, and RGMII
BCM53003	Single-Core 32-bit 600 MHz MIPS® Processor with DDR2, PCI Express®, RGMII, and SGMII
BCM5836P	Single-Core 32-bit MIPS® Control-Plane Processor with PCI

Home and Small Business

BCM1125H	Single-Core 64-bit MIPS® Processor with GbE, PCI, HT
BCM53001	Single-Core 32-bit 400 MHz MIPS® Processor with DDR2, PCI Express®, and RGMII
BCM53003	Single-Core 32-bit 600 MHz MIPS® Processor with DDR2, PCI Express®, RGMII, and SGMII
BCM5836P	Single-Core 32-bit MIPS® Control-Plane Processor with PCI

Security

Authentication Tokens
Secure Applications Processors

BCM5882	Secure Applications Processor
BCM5883	Secure Applications Processor
BCM5892	Secure Applications Processor

Encryption Coprocessors
IPsec

BCM5812	Low-Power Security Processor
BCM5825	High-Performance 1 Gbps Security Processor
BCM5841	Multi-Gigabit Security Processor

SSL

BCM5825	High-Performance 1 Gbps Security Processor

PC Client Security
Secure Applications Processors

BCM5882	Secure Applications Processor
BCM5883	Secure Applications Processor

Point-of-Sale
Secure Applications Processors

BCM5892	Secure Applications Processor
BCM5893	Secure Applications Processor

Switching

Carrier and Service Provider
100-Gigabit Ethernet

BCM88600 Series	100-Gigabit Ethernet (GbE) Capable Switching Silicon

10-Gigabit Ethernet

BCM56511	4-Port 10-GbE/HiGig+™ Multilayer Switch
BCM56628	8-Port 10-GbE/HiGig2™ Ethernet Multilayer Switch with Table Expansion
BCM56638	8-Port 10-GbE/HiGig2™ Ethernet Multilayer Expandable Carrier Aggregation Switch
BCM56820	24-Port 10-GbE and 4-Port Multilayer Gigabit Ethernet Switch
BCM56821	12-Port 10-GbE and 8-Port HiGig™ and 4-Port GbE Multilayer Switch
BCM56840 Series	640 Gbps High Density 10/40-GbE/HiGig2™ StrataXGS® Ethernet Switch Series with Integrated 10G Serial PHY

Carrier and Service Provider (cont.)
Gigabit Ethernet

BCM56214	24 GbE Ports + Two 1-GbE Uplink Ports + Two 2.5-GbE Stacking Ports
BCM56216	16 GbE Ports + Two 1-GbE Uplink Ports + Two 2.5-GbE Stacking Ports
BCM56218	48 GbE Ports + Two 1-GbE Uplink Ports + Two 2.5-GbE Stacking Ports
BCM56224	24-Port Gigabit Ethernet Switch with Four 2.5-GbE/ HiGig+™ Ports
BCM56226	16-Port Gigabit Ethernet Switch with Four 2.5-GbE/ HiGig+™ Ports
BCM56228	8-Port Gigabit Ethernet Switch with Four 2.5-GbE/ HiGig+™ Ports
BCM56330	112 Gbps Multilayer Gigabit Ethernet Switch
BCM56334	24-Port GbE Multilayer Carrier Access Switch with Four 10-GbE/HiGig2™ Ports
BCM56510	24-Port GbE Multilayer Switch
BCM56512	24-Port GbE Multilayer Switch with Two 10-GbE/ HiGig+™ Ports
BCM56513	24-Port GbE Multilayer Switch with Three 10-GbE/ HiGig+™ Ports
BCM56514	24-Port GbE Multilayer Switch with Four 10-GbE/ HiGig+™ Ports
BCM56526	28-Port GbE Multilayer Carrier Aggregation Switch with Six 10-GbE/HiGig2™ Ports
BCM56624	48-Port GbE with Four 10-GbE/HiGig2™ Ports Ethernet Multilayer Switch with Table Expansion
BCM56630	112 Gbps Multilayer Gigabit Ethernet Switch
BCM56634	48-Port GbE with Four 10-GbE/HiGig2™ Ports Ethernet Multilayer Switch with Table Expansion
BCM56685	24-Port 2.5-GbE Multilayer Carrier Access Switch with Four 10-GbE/HiGig2™ Ports

Fast Ethernet

BCM53280	24-Port FE and 4-Port Gigabit Ethernet Carrier Access Switch
BCM5328x Family	Managed Switch with 8/16/24 FE Ports + 2 GbE/4 GbE/2 GbE + 2.5G SerDes
BCM56112	24-Port FE and 2-Port Gigabit Ethernet Switch with Two 10-GbE/HiGig+™ Ports
BCM56132	24-Port FE and 2-Port 1G/2.5G Ethernet Switch with Two 10-GbE/HiGig2™ Ports
BCM56134	24-Port FE and 4-Port Gigabit Ethernet Multilayer Carrier Access Switch

XGS Core™ Fabrics

BCM88025	Programmable Packet Processor
BCM88130	630 Gbps High-Performance Packet Switch Fabric
BCM88230	Fabric Interface with Integrated Traffic Management
BCM88231	50 Gbps Advanced Traffic Manager with HiGig™ Interface
BCM88235	Fabric Interface with Integrated Traffic Management
BCM88236	80 Gbps Advanced Traffic Manager with HiGig2™ Interface

Data Center
100-Gigabit Ethernet

BCM88600 Series	100-Gigabit Ethernet Capable Switching Silicon

Switching *(cont.)*

Data Center (cont.)
10-Gigabit Ethernet

BCM56624	48-Port GbE with Four 10-GbE/HiGig2™ Ports Ethernet Multilayer Switch with Table Expansion
BCM56634	48-Port GbE with Four 10-GbE/HiGig2™ Ports Ethernet Multilayer Switch with Table Expansion
BCM56820	24-Port 10-GbE and 4-Port Multilayer Gigabit Ethernet Switch
BCM56821	12-Port 10-GbE and 8-Port HiGig™ and 4-Port GbE Multilayer Switch
BCM56840 Series	640 Gbps High Density 10/40-GbE/HiGig2™ StrataXGS® Ethernet Switch Series with Integrated 10G Serial PHY

Gigabit Ethernet

BCM56534	24-Port GbE Multilayer Switch with Four 10-GbE/HiGig2™ Ports
BCM56538	48-Port GbE Multilayer Switch with Four 10-GbE/HiGig2™ Ports
BCM56624	48-Port GbE with Four 10-GbE/HiGig2™ Ports Ethernet Multilayer Switch with Table Expansion
BCM56634	48-Port GbE with Four 10-GbE/HiGig2™ Ports Ethernet Multilayer Switch with Table Expansion

StrataXGS® Fabrics

BCM56720	16-Port 256 Gbps HigGig™/HigGig2™ Switch Fabric
BCM56931	50 Gbps DDR3 Deep Buffer Manager with HiGig2™ Interface
BCM56936	80 Gbps DDR3 Deep Buffer Manager with HiGig2™ Interface

XGS Core™ Fabrics

BCM88025	Programmable Packet Processor
BCM88130	630 Gbps High-Performance Packet Switch Fabric
BCM88230	Fabric Interface with Integrated Traffic Management
BCM88231	50 Gbps Advanced Traffic Manager with HiGig2™ Interface
BCM88235	Fabric Interface with Integrated Traffic Management
BCM88236	80 Gbps Advanced Traffic Manager with HiGig2™ Interface

Dune Networks Fabrics

BCM88440	100 Gbps Integrated Full-Duplex Switch with L2/L3 Packet Processing
BCM88540	Full-Duplex 100 Gbps Traffic Manager with Integrated Fabric Interface
BCM88640	Full-Duplex 100 Gbps with Integrated MAC, Packet Processing, Traffic Management, and Fabric Access
FE600	6.25 Gbps Self-Routing Switching Element with Integrated Full-Duplex Serial Links
P130	80 Gbps Integrated Full-Duplex Switch with L2/L3 Packet Processing
P230	80 Gbps Traffic Manager with Integrated Fabric Interface
P330	80 Gbps Integrated Full-Duplex MAC, Packet Processing, Traffic Management, and Fabric Access

Dune Networks Reference Designs

Gobi	1.28 Tbps Full-Duplex Gobi Reference Design
Harpoon	24xGbE + 2x10-GbE Switch Reference Design with Xelerated's Metro Ethernet Application
Negev	One Fabric Card and Two Line Card Reference Designs with up to 100 Gbps Bandwidth Per Line Card
Paran	1.28 Tbps/1.92 Tbps Non-Blocking Switch Reference Design

Switching *(cont.)*

Enterprise
10-Gigabit Ethernet
BCM56511	4-Port 10-GbE/HiGig+™ Multilayer Switch
BCM56520	108 Gbps Integrated Ethernet Multilayer Switch
BCM56624	48-Port GbE with Four 10-GbE/HiGig2™ Ports Ethernet Multilayer Switch with Table Expansion
BCM56820	24-Port 10-GbE and 4-Port Multilayer Gigabit Ethernet Switch
BCM56821	12-Port 10-GbE and 8-Port HiGig™ and 4-Port GbE Multilayer Switch
BCM56840 Series	640 Gbps High Density 10/40-GbE/HiGig2™ StrataXGS® Ethernet Switch Series with Integrated 10G Serial PHY

Fast Ethernet
BCM56112	24-Port FE and 2-Port Gigabit Ethernet Switch with Two 10-GbE/HiGig+™ Ports

Gigabit Ethernet
BCM56214	24 GbE Ports + Two 1-GbE Uplink Ports + Two 2.5-GbE Stacking Ports
BCM56216	16 GbE Ports + Two 1-GbE Uplink Ports + Two 2.5-GbE Stacking Ports
BCM56218	48 GbE Ports + Two 1-GbE Uplink Ports + Two 2.5-GbE Stacking Ports
BCM56224	24-Port Gigabit Ethernet Switch with Four 2.5-GbE/ HiGig+™ Ports
BCM56226	16-Port Gigabit Ethernet Switch with Four 2.5-GbE/ HiGig+™ Ports
BCM56228	8-Port Gigabit Ethernet Switch with Four 2.5-GbE/ HiGig+™ Ports
BCM56510	24-Port GbE Multilayer Switch
BCM56512	24-Port GbE Multilayer Switch with Two 10-GbE/ HiGig+™ Ports
BCM56513	24-Port GbE Multilayer Switch with Three 10-GbE/ HiGig+™ Ports
BCM56514	24-Port GbE Multilayer Switch with Four 10-GbE/ HiGig+™ Ports
BCM56534	24-Port GbE Multilayer Switch with Four 10-GbE/ HiGig2™ Ports
BCM56538	48-Port GbE Multilayer Switch with Four 10-GbE/ HiGig2™ Ports
BCM56624	48-Port GbE with Four 10-GbE/HiGig2™ Ports Ethernet Multilayer Switch with Table Expansion
BCM56634	48-Port GbE with Four 10-GbE/HiGig2™ Ports Ethernet Multilayer Switch with Table Expansion

StrataXGS® Fabrics
BCM56720	16-Port 256 Gbps HigGig™/HigGig2™ Switch Fabric

Wireless LAN
BCM56520	108 Gbps Integrated Ethernet Multilayer Switch

XGS Core™ Fabrics
BCM88025	Programmable Packet Processor
BCM88130	High-Performance Packet Switch Fabric
BCM88230	Fabric Interface with Integrated Traffic Management
BCM88235	Fabric Interface with Integrated Traffic Management

EPON Solutions
Optical Line Terminals
TK3401	Multirate 1 or 2 Gbps EPON Intelligent PON Node (IPN) Controller
TK3721	1 Gbps MAC Controller for EPON Optical Line Terminals
TK3723	Dual TURBO-EPON® (1 or 2 Gbps) Optical Line Terminal SoC

Switching *(cont.)*

EPON Solutions (cont.)
Optical Network Units

BCM55030	10 Gbps EPON Optical Network Unit SoC
TK3713	EPON Optical Network Unit (ONU) SoC
TK3714	TURBO-EPON® (1 or 2 Gbps) Optical Network Unit SoC
TK3715	TURBO-EPON® (1 or 2 Gbps) Optical Network Unit SoC with Support for China's Interoperability Standard

Home and Small Business
Fast Ethernet

BCM53001	Single-Core 32-bit 400 MHz MIPS® Processor with DDR2, PCI Express®, and RGMII
BCM53003	Single-Core 32-bit 600 MHz MIPS® Processor with DDR2, PCI Express®, RGMII, and SGMII
BCM53101	Integrated 7 FE Managed Switch
BCM53202	Integrated 8 FE + 2-GbE Managed Switch
BCM53212	Integrated 16 FE + 2-GbE Managed Switch
BCM53242	Integrated 24 FE + 2-GbE Managed Switch
BCM5324M	Integrated 24 FE + 2-GbE Managed Switch
BCM5325E	Integrated 10/100BASE-T/TX 5/6-Port Managed Switch
BCM5325F	Integrated 10/100BASE-T/TX 5/6-Port Managed Switch
BCM5325M	Integrated 10/100BASE-T/TX 5/6-Port Managed Switch
BCM5328M	Integrated 10/100BASE-T/TX 9-Port Switch
BCM5328x Family	Managed Switch with 8/16/24 FE Ports + 2 GbE/4 GbE/2 GbE + 2.5G SerDes
BCM5348	Single-Chip L2+ Managed Switch with 48 10/100 Ports + Four GbE Ports

Gigabit Ethernet

BCM53115	Smart GbE Switch
BCM53118	9-Port GbE Switch with Eight Integrated 10/100/1000 PHYs
BCM53125	7-Port Integrated GbE Energy Efficient Ethernet™ Switch
BCM53312	8-Port GbE + 4-Port GbE Highly Integrated Multilayer Switch SoC
BCM53313	16-Port GbE + 2-Port GbE Highly Integrated Multilayer Switch SoC
BCM53314	24-Port GbE Highly Integrated Multilayer Switch SoC
BCM53322	8-Port GbE + 4-Port GbE Energy Efficient Ethernet™ Integrated Multilayer Switch SoC
BCM53323	16-Port GbE + 2-Port GbE Energy Efficient Ethernet™ Integrated Multilayer Switch SoC
BCM53324	24-Port GbE Energy Efficient Ethernet™ Highly Integrated Multilayer Switch SoC
BCM53718	48-GbE Port + Optional 2-GbE Port Highly Integrated Multilayer Switch SoC
BCM53724	24-Port GbE Port Highly Integrated Multilayer Switch SoC
BCM53726	16-Port GbE Port Highly Integrated Multilayer Switch SoC
BCM5387	5-GbE Port Switch with Integrated SerDes
BCM5388	8-GbE Port Switch with Integrated GbE Copper PHY
BCM5389	8-GbE Port Switch with Integrated SerDes
BCM5396	16-GbE Port Switch with Integrated SerDes

Software
FASTPATH® Software

FASTPATH	FASTPATH® Networking Software
FASTPATH-SMB	FASTPATH® Small/Medium Business Networking Software
FASTPATH-UAP	FASTPATH® Unified Access Point Networking Software
FASTPATH-UWS	FASTPATH® Unified Wireless Switching Networking Software
SmartPATH	SmartPATH™ Networking Software

About Broadcom

Broadcom Corporation is a major technology innovator and global leader in semiconductors for wired and wireless communications. Broadcom products enable the delivery of voice, video, data and multimedia to and throughout the home, the office and the mobile environment. We provide the industry's broadest portfolio of state-of-the-art system-on-a-chip and software solutions to manufacturers of computing and networking equipment, digital entertainment and broadband access products, and mobile devices. These solutions support our core mission: Connecting everything®.

A FORTUNE 500® company, Broadcom is one of the world's largest fabless communications semiconductor companies, with 2009 revenue of $4.49 billion, holds more than 4,500 U.S. and 1,900 foreign patents, and has more than 7,800 additional pending patent applications, and one of the broadest intellectual property portfolios addressing both wired and wireless transmission of voice, video, data and multimedia.

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