



Products

- [BLUETOOTH](#)
- [CABLE](#)
- [CELLULAR](#)
- [CONSUMER ELECTRONICS](#)
- [DATA/TELECOM NETWORKS](#)
- [DIGITAL TV](#)
- [DSL](#)
- [ENTERPRISE NETWORKING](#)
- [GPS](#)
- [MOBILE MULTIMEDIA](#)
- [SATELLITE](#)
- [SMALL/MEDIUM BUSINESS](#)
- [VOICE OVER IP \(VOIP\)](#)
- [WIRELESS LAN](#)

Adjust Font Size:

BCM5704S
Dual-Port 100BASE-X Ethernet Controller

The BCM5704S 10/100/1000BASE-T Dual Port Gigabit Ethernet Media Access Control and Serializer/Deserializer (SERDES) is a fully integrated interface solution for high-performance network applications. The BCM5704S is a highly integrated solution combining a triple-speed, IEEE 802.3 compliant Media Access Controller (MAC), PCI and PCI-X bus interfaces, on-chip buffer memory, and an integrated SERDES transceiver in a single device. The BCM5704S is fabricated in a low-voltage .13μ CMOS process, providing a low-power system solution. By itself, the BCM5704S provides a complete Dual Port single-chip Gigabit Ethernet NIC or LOM solution.

Support for the following 802.3 functions is featured in the MAC: VLAN tagging, layer 2 priority encoding, link aggregation, and full-duplex flow control.

Features

Single-chip solution for LAN on backplane and Fiber Network Interface Card (NIC) applications

Industry's smallest Dual 10/100/1000 MAC+PHY solution - power and space optimized for LOM and low profile NIC applications

Broadcom Quick Links

[日本語](#) [한국어](#) [中文简体](#) [繁體中文](#)

» Browse Products

-
-
-
-

