


144 SerDes, Single Stage Switch Element

Manufacturer:	Broadcom Corporation
Package/Case:	BGA
Product Type:	Communication & Networking ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Unconfirmed



Images are for reference only

[Inquiry](#)

General Description

The Broadcom® BCM88770 is the fourth generation in the StrataDNX™ product line of Fabric Element (FE) devices and is a self-routing cell-based switching element. Together with the BCM88670 and BCM88680, the BCM88770 provides a complete solution for switching fabric, traffic management, packet processing, and network interfaces. Switching platforms can scale up to 6,000 100GbE ports.

The BCM88770 provides scalability in three dimensions: port rates, port count, and traffic management services, allowing the user to connect mixed-rate line cards, for example 100 Gbps through 3.6 Tbps each, with various traffic management schemes.

The BCM88770 is used to build a variety of network switch solutions:

- Over 100 Tbps core/edge switches with single stage fabric for data center, packet transport, or carrier network applications.
- Multiple interconnected chassis of different capacities, using the BCM88770 two-stage fabric to create a scalable core platform that delivers up to 6,000 ports of 100GbE or their 40GbE/10GbE equivalents.

Key Features

e.g., TDM/OTN - Unicast Data - Multicast Data

Scheduled device removal and device insertion without cell loss

Recommended For You

BCM88541B0KFSBG

Broadcom Corporation

BGA

BCM88750B0KFSBLG

Broadcom Corporation

BGA

BCM65500B11FSBR

Broadcom Corporation

BGA

BCM3352IPB

Broadcom Corporation

BGA

BCM8540B0KFSBG

Broadcom Corporation

BGA

BCM8660A0KFSBLG

Broadcom Corporation

BGA

ALM-38140-TR1G

Broadcom Corporation

QFN

HMMC-3122

Broadcom Corporation

SOP8

AMMP-6120-TR1

Broadcom Corporation

QFN

ALM-38140-BLKG

Broadcom Corporation

QFN

ALM-38140

Broadcom Corporation

QFN

HMMC-3128

Broadcom Corporation

SOP8

HMMC-3124

Broadcom Corporation

SOP8

HSMS-2850-TR1G

Broadcom Corporation

SOT-23

AMMP-6120

Broadcom Corporation

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