

Avago electro-optical module



Overview

Avago AFBR-709SMZ is a 10Gbps SFP+ optical transceiver designed for high-speed data transmission in Ethernet and telecom environments. It is widely used in short-reach multimode fiber links where stable bandwidth, low latency, and predictable optical performance are required., 12 transmitters, 12 receivers, and 12 transmitter/receivers. Embedded parallel optics are parallel-optic modules that are not mounted at the board edge but rather directly onto the PCB in order to gain advantages in density, signal integrity, thermal management, I/O consolidation, and EMI/ESD. This section covers Avago Optical Transceiver Compatibles! Our range of 1G SFP, 10 SFP+, 40G QSFP, 100G QSFP28, 400G-QSFP-DD, and various Fiber Chanel Avago. The Avago AFBR-79EBPZ is a Four-Channel, Pluggable, LC Duplex, Fiber-Optic QSFP+ Transceiver for 40 Gigabit Ethernet Applications. Each SFP transceiver module is individually tested to be used on a series of Avago switches, routers, servers, network interface card (NICs). For quantities greater than listed, call for quote. Number of Resolution Signal Supply LED Phase Price Each STOCK NO. The four basic applications in motor control systems that can use optical isolation technology are the power switch, voltage and current sensor, and data communication circuits.

Article Content

Medical Solutions Brochure-AV00-0273EN_041913 dd

Incremental Encoders: The Avago incremental encoder solutions include a wide selection of optically transmissive and reflective encoders. These products are available in various chip modules and

Digital Optics for Optical Communications

Avago Technologies meets the market's demands for faster, more efficient communication, by creating digital optic solutions for fiber optic networking applications. As this market grows, so does the

The Avago Advantage

Avago Technologies offers motor control solutions that are ideal for the small motors and packaging in digital security cameras. Avago offers the world's smallest encoder, high resolution optical and

Applications for Embedded Optic Modules in Data Communications

I/O performance between racks in multi-chassis configurations. Today, with the ever increasing demand for data and bandwidth, embedded parallel optics from Avago Technologies have become the

InP Photonic Integration Technology Landscape 2026 | PatSnap

LiNbO₃-InP Heterogeneous Integration on Diamond CETC 55th Research Institute filed two patents in late 2025 and early 2026 combining LiNbO₃ electro-optic modulators with InP active

Avago AFBR-709SMZ Datasheet Explained: Key Specs

The electrical and optical performance parameters of Avago AFBR-709SMZ define how efficiently the module converts electrical signals into optical transmission and back again.

Avago Technologies offers high-density 120 Gbps

Avago has announced the availability of production volumes of 120 Gbps multichannel optical transmitter and receiver modules for "inside-the-box" data

Motion Sensing and Control Products

Avago started out designing and selling classical optical encoders and has progressed to designing and manufacturing ultra miniature optical encoders and magnetic encoders. With these technologies,

Avago Fiber Optic-Altera AV00-0282EN 040714 dd

Based on proven laser and IC technology, Avago provides a comprehensive portfolio of fiber optic transceiver, transmitter and receiver module and single-mode optical component solutions with

Avago Multi-Gigabit Consumer Optical Interconnect

This demonstration shows the world's first high speed consumer optical interconnect streaming High Definition (HD) video through a USB 3.0 Active Optical Cable using fiber optic modules from Avago

Avago Technologies Eclipses Speed, Bandwidth Barriers with

With dimensions of 7.8mm (L) by 8.2 mm (W) by 3.9mm (H), these modules incorporate Avago's VCSEL and PIN array technology and IC technologies to optimize the modules for superior

Data Sheet

Data Sheet Description The Versatile Link series is a complete family of fiber optic link components for applications requiring a low cost solution. The HFBR-0500Z series includes transmitters, receivers,

The Avago Advantage

Avago offers several types of products that are suitable for analog signal input/output isolation, display drivers, and power supply functions as well as RF and microwave components for commonly used

Avago AFBR-5715APZ 1000BASE-SX SFP Transceiver Module

Avago AFBR-5715APZ compatible SFP transceiver supports up to 550m link lengths over multi-mode fiber (MMF) using a wavelength of 850nm via an LC connector.

4x Avago AFCT-739DMZ 10GB SFP+ 1310NM LR Optical Transceiver Module

New, Avago, AFCT-739DMZ, 10Gb/1Gb Ethernet, 1310NM SFP+ Transceiver AU \$20.98 + \$15.38 delivery Avago AFCT-739DMZ 10GB SFP+ 1310NM LR Optical Transceiver Module AU \$55.94 +

Avago optical transceiver modules feature dual-rate

This transceiver incorporates Avago's 850nm VCSEL and PIN Detector technology to provide an IEEE 10 Gbps Ethernet design that is compliant with the 10GBASE

The Avago Advantage

GPS/Glonass Modules for GPS/Glonass Receiver Avago Technologies integrated GPS/Glonass amplifier/front-end modules make it easy to integrate GPS/Glonass capability into any electronic

The Avago Advantage

Avago solid state relays are optical isolation products that offer the ability to electrically isolate long relay control lines while driving up to 2.0A. These solid state relays are superior to traditional electro

Avago Compatible Transceivers | EDGE Optical Solutions

Browse Avago compatible optical transceivers. 100% compatible, tested and certified. Fast shipping, competitive pricing.

Overview of Avago Technologies' Optical Isolation Technology and ...

ution Note 101 The need for optical isolation technology is ever increasing in power electronics circuits. Avago Technologies offers a vast choice of high performance digital and analog optocouplers as well

AVAGO Optical Encoders

TRANSMISSIVE OPTICAL ENCODERS - HOUSED TYPE Mouser Avago Fig. Number of Resolution Shaft Max RPM Codewheel

Genuine Avago Transceiver Modules

Buy Genuine Avago Transceiver Modules from GenuineModules with best price and fast worldwide shipping.

The Avago Advantage

Avago fiber optic transmitter/ receivers are designed to operate reliably for data transmission over fiber in applications where the highest electrical isolation between the transmitter and receiver sides is

Avago Technologies unveils miniature embedded parallel optics modules ...

Avago's miniature 12-channel embedded MicroPOD parallel optics transmitter and receiver modules support lane rates of up to 12.5 Gbit per second for an aggregate bandwidth of up to 150 Gbps ...

Avago: Small Optical Encoder Modules (HEDS-970x,

Home > Avago > Avago: Small Optical Encoder Modules (HEDS-970x, HEDS-972x Series) Larger Photo Email A Friend Call for Pricing Price Quote Form Order #:

The Avago Advantage

Alternative Power Generation Avago Technologies offers a wide range of fiber optic transmitters, receivers, and transceivers, and IGBT/Power MOSFET gate drivers, isolation amplifier products, and

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