

MAXIM Optical Communication Products



Overview

Maxim offers a wide variety of products for every system need, specializing in DS9490B USB to 1-Wire, DSECASH eCash Evaluation, PON (EPON, GPON, GEP, RF Predistorters, High-Speed Data Conversion, Automotive Tuner ICs, RF Transceivers, Receivers, RF Mixers and Vector . Maxim offers a wide variety of products for every system need, specializing in DS9490B USB to 1-Wire, DSECASH eCash Evaluation, PON (EPON, GPON, GEP, RF Predistorters, High-Speed Data Conversion, Automotive Tuner ICs, RF Transceivers, Receivers, RF Mixers and Vector . The MAXM86146 is the world's smallest highly-integrated, optical data acquisition system. It combines Maxim's best-in-class optical biosensing analog front end (AFE) with a powerful Arm[®] microcontroller unit (MCU) and two high sensitivity photodiodes. The integrated MCU is an ultra-low-power. This article walks through the capabilities of MAX32664 ultra-low power microcontroller to act as a biometric sensor hub to measure heart rate, blood oxygen, SpO₂, sleep, stress, etc. Maxim's bio measurement algorithms integrated with the sensor hub, accurate to US FDA standards, provide raw or. Maxphotonics delivers high-performance fiber laser solutions, backed by over 20 years of innovation and a global team of experts. From engineering to after-sales service, we ensure reliable technology, consistent performance, and responsive support at every stage of your production journey. They are capable of distances ranging from very short reach within a data center. The OptoNIX IOP116 is an advanced optical/electrical interface designed for seamless integration into industrial control systems. It supports high-speed data transfer and ensures reliable communication between optical fiber and electrical components. Type:Optical/Electrical Interface Operating.

Article Content

OPTICAL COMMUNICATIONS PRODUCTS

Coherent enables Co Packaged Optics with lasers, detectors, silicon photonics engines, passive optics, drivers/TIAs, fiber arrays, polarization maintaining fibers, and thermal solutions supporting today's

MAX86150 Datasheet and Product Info | Analog Devices

ADI has always placed the highest emphasis on delivering products that meet the maximum levels of quality and reliability. We achieve this by

MAXM86146 Datasheet and Product Info | Analog Devices

The MAXM86146 is the world's smallest highly-integrated, optical data acquisition system. It combines Maxim's best-in-class optical biosensing analog

Maxim Integrated Infrared-Based Dynamic Optical Sensor

Infrared-Based Dynamic Gesture Sensor from Maxim Integrated extend range of Gestures Sensing 10x lower cost than ToF systems Maxim

Analog chronicles: Goodbye Maxim Integrated Products

The 1990s also mark the beginning of Maxim's another strength: the well-thought-out acquisitions. In 1994, for instance, the company acquired the IC

Analog Devices Inc-optical-communications | Ultra Librarian

optical-communications analog-to-digital-converters digital-potentiometers digital-to-analog-converters other protection-ics signal-line-protectors

Maxim's Isolated CAN Transceivers Ensure Robust Communications

Designers can ensure robust communication and improve uptime for industrial systems with the MAX14878, MAX14879, and MAX14880 2.75kV and 5kV family of isolated controller area

MAXIM | Electronic Components Distributor | LCSC

Count on Maxim Integrated to help you overcome design and architectural challenges, with integrated solutions for the industrial, medical, consumer, automotive, energy, computing, and communications

Maxim Parts Distributors

Maxim's most popular products include data converters, interface circuits, RF wireless circuits, oscillators, battery management circuits, fiber optic transceivers, microcontrollers and operation

Maxim Integrated Company Profile, Products and Locations

Maxim Integrated Maxim Integrated is a renowned leader in the design and manufacture of analog and mixed-signal products and technologies. Their product portfolio includes power management ICs,

Maxim Integrated Distributor | ICs, Converters | IBS Electronics

Maxim products are used in a wide variety of microprocessor-based electronics equipment. A sampling of the applications for Maxim circuits includes consumer electronics, personal computers and

MAX3863 Datasheet and Product Info | Analog Devices

The laser driver is fabricated with Maxim's in-house second-generation SiGe process. Applications 3.2Gbps Data Communications Add/Drop

MAX30101 Pulse Oximeter & Heart-Rate Sensor

Analog Devices MAX30101 Pulse Oximeter and Heart-Rate Sensor is an integrated pulse oximetry and heart rate monitor module for fitness and

Maxim Acquires Phyworks, a Leading Supplier of Optical Transceiver ...

Maxim and Phyworks combined will have market share leadership for transceiver chips for optical modules. Phyworks' know-how opens up additional high-speed signal integrity product opportunities ...

Top 28 Optical Communication Systems Companies

Explore the top optical communication systems companies, including Acacia and Source Photonics, leading advancements in connectivity solutions.

Optical Communications _ BDTIC a Leading Distributor in China

DS4830 DS4830A DS5002FP DS5003 DS5250 DS80C310 DS80C320 DS80C323
DS80C390 DS80CH11 DS83C520 DS87C520 DS87C530 DS89C430 DS89C450
MAX32550 MAX32552

Maxim Integrated Reference Design | New Product Brief

Maxim Integrated Reference Design Maxim Integrated's MAXREFDES220# is a reference design for prototyping finger-based heart rate

Analog Devices / Maxim Integrated Distributor

Analog Devices / Maxim Integrated, provides ease of design, and speeds time to market, through analog integration. The company's analog ICs offer extra features and functionality carefully designed to

Maxim Featured products | Maxim Integrated Distributor

Maxim offers a wide variety of products for every system need, specializing in DS9490B USB to 1-Wire, DSECASH eCash Evaluation, PON (EPON, GPON, GEP, RF Predistorters, High-Speed Data Conversion,

Maxphotonics

Maxphotonics delivers high-performance fiber laser solutions, backed by over 20 years of innovation and a global team of experts. From engineering to after-sales

Wearable Optical Measurement Solution Based on the

This article introduces these sensor solutions, with a focus on the performance and advantages of the Maxim Integrated optical human

Interface Transceivers | Analog Devices

Enhance the performance, reliability, and versatility of your designs with Analog Devices' high quality Serial Peripheral Interface (SPI) transceivers and inter

Maxim Featured products | Maxim Integrated Distributor

Maxim Integrated expands the MAXSafe Technology line with the MAX22530 Maxim Integrated Teams with Xailient to Provide World's Fastest and Lowest-Power IoT Face Detection

MAXIM | Electronic Components Distributor | LCSC

MAXIM Products are available at LCSC Electronics. LCSC offers inventory, pricing, & datasheets for MAXIM Products.

Maxim Integrated IOP116 Optical/Electrical Interface, for

The OptoNIX IOP116 is an advanced optical/electrical interface designed for seamless integration into industrial control systems. It supports high-speed data

Wearable Optical Measurement Solution Based on the

The MAX32664 is a part of the Maxim Integrated human physiological index measurement solution, with embedded firmware and algorithms for

Corning Optical Communications | Fiber Optic

We deliver optical connectivity solutions for every segment of the network, including carriers, data centers, in-building networks, and original equipment manufacturers

Contact Us

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