T2040 optical module

Overview

The T2040 features the ON Semiconductor KAI-04070 CCD image sensor with a native resolution of 2048 x 2048 in a 4/3” optical format. The camera delivers up to 34 frames per second and supports Camera Link® Medium and CXP-3 CoaXPress® outputs. The camera features programmable image resolution, frame rates, gain, offset, external triggering, strobe outputs, transfer function correction, temperature monitoring, and user programmable LUTs, FFC, and Defect Cor ection Tables. We have 2 Imperx Tiger T2040 manuals available for free PDF download: User Manual Table 2: Industrial Vs. View online or download Imperx. The Tiger T2040 CCD camera is an advanced, ruggedized, and economical digital camera providing 2048 x 2048 resolution and frame rates up to 34 frames per second.

Article Content

T2040 CCD 4 MP

Imperx: T2040 Applications The T2040 incorporates a number of unique features tailored to reduce system complexity, maximize interface bandwidth, and expand the usable operational range.

T2040 CCD 4 MP

Industrial Cameras & Imaging Systems Imperx: T2040 The Tiger T2040 CCD camera is an advanced, ruggedized, and economical digital camera providing 2048 x 2048 resolution, frame rates up to 34 fps.

Digital camera

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The T2040 incorporates a number of unique features tailored to reduce system complexity, maximize interface bandwidth, and expand the usable operational

T I G E R

The camera features programmable image resolution, frame rates, gain, offset, external triggering, strobe output, transfer function correction, temperature monitoring, and user programmable and

Digital camera T2040

The T2040 incorporates a number of unique features tailored to reduce system complexity, maximize interface bandwidth, and expand the usable operational range. The T2040 features the ON

T2040 Datasheet, PDF

Manufacturer: TE Connectivity Ltd. Description: THIS DRAWING IS A CONTROLLED DOCUMENT.. 28 Results. Part #: T2040062101-001. Datasheet: 1MbKb/2P. Manufacturer: TE Connectivity Ltd.

4 Meg CCD T2040 Tiger Camera | Vision Systems Design

The T2040 incorporates a number of unique features tailored to reduce system complexity, maximize interface bandwidth, and expand the usable operational range.The T2040 features the ON

SFP Module – Optcore

SFP module is a small form factor, compact, hot-pluggable optical transceiver, also called mini-GBIC. Our SFP module comply with the SFF-8472 MSA (Multi-Sourcing Agreement), CE, FCC, RoHS, and

What Is an Optical Module

On an optical network, a sender needs to convert electrical signals into optical signals before sending them to a receiver, and the receiver needs to convert received optical signals into electrical signals.

Understanding Optical Modules: Working Principles, Structures, and ...

Explore the working principles, structures, and performance metrics of optical modules, essential components of optical fiber communication systems. Learn about key indicators such as

Comprehensive Guide to Optical Transceiver Classifications and

Introduction Optical modules are critical components in fiber optic communications, enabling the conversion between electrical and optical signals. They are widely used in data centers,

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What is an Optical Module?

Explore the world of optical modules, essential components in optical fiber communication. Learn about the different types of optical modules, their functions, packaging, and key technical concepts like

Everything You Need to Know About Optical Modules

Optical modules are electronic devices used in communication systems to transmit optical signals. These modules convert electrical signals into optical signals, which can travel long distances

400G FR4 QSFP-DD 1310nm 2Km LC SMF Transceiver

Asterfusion QSFP-DD 400GBASE FR4 transceiver module, with PAM4 modulation for up to 2km over G.652 SMF, suitable for data center and Telecom, service provider applications.

Optical Module PCB: The Ultimate Guide to Design, Fabrication, and ...

This guide serves as an in-depth resource for engineers, designers, and project managers involved in the development of optical module PCBs. It will explore the complete product lifecycle, from design

T2040/DB

The T2040/DB from Smiths Interconnect is a RF & Microwave Isolator with Frequency 2 to 4 GHz, Average Power Forward 60 W, Average Power Reverse 1 W, Peak Power Forward 0.5 kW, Insertion

Optical Module Working Principle | SFP Transceiver Technical Guide ...

Understanding the working principle of optical modules—especially SFP transceivers—is critical for network engineers, data center operators, and telecom professionals tasked with building

Imperx Tiger T3340, Tiger T3640, Tiger T9040 User Manual

The Imperx Tiger series of cameras offer a range of CCD sensor formats capable of producing images up to 10480 x 4840 resolution. Combined with advanced processing technology, these cameras

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