

Optical Subsystem Capable of Handling HDMI, USB, Ethernet



Omron Network Products, LLC (ONP) announced the general availability of its new optical subsystem, the SX51-02E, beginning immediately.

The new subsystem is capable of handling HDMI, USB and Ethernet over five transmit lanes and one receive lane on a single strand of multimode fiber. The 02E is scalable to HDMI™ 1080P with 16-bit color, offers system designers the quickest time to market among comparable components, and is designed to deliver ultimate customer flexibility.

Key features of the SX51-02E subsystem include:

- Compatibility with HDMI-compliant sources and sinks
- Accepts TMDS inputs directly into its 40-pin plug-down connector
- Support for USB 1.1 peripheral interconnect functionality
- Support for 10/100 Ethernet networking functionality
- Support for HDCP/EDID/CEC/ARC consumer electronics functionality
- Support for infrared pass-through, from the sink to the source
- Automatic laser disable upon fiber disconnect

The 02E subsystem is the newest product in the SX51 line to debut this year. To schedule an appointment and see a demonstration of any of the new products, contact an ONP sales representative.

Omron Network Products
www.omron.com [1]

November 29, 2012

Optical Subsystem Capable of Handling HDMI, USB, Ethernet

Published on Wireless Design & Development (<http://www.wirelessdesignmag.com>)

Source URL (retrieved on 01/26/2015 - 6:06am):

<http://www.wirelessdesignmag.com/product-releases/2012/11/optical-subsystem-capable-handling-hdmi-usb-ethernet>

Links:

[1] <http://www.omron.com>