EMIO-100E
PCIe to 1-Ch GigaLAN Ethernet Port Module

NEW

RoHS COMPLIANT 2002/95/EC CE FCC

Features

- PCIe to 1x Ch PCIe to GigaLAN ethernet module
- Supports full duplex operation at 10/100/1000 Mb/s
- Full size MiniPCIe type. Compliant with PCI Express TM 2.1
- Compliant with 1Gb/s IEEE 802.3, 802.3u, 802.3ab
- Wide temperature from -40 to +85 degree

Specifications

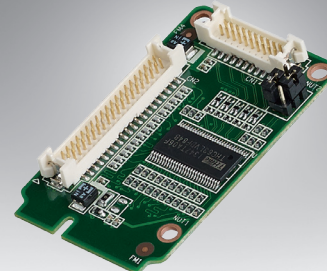| Technology	GigaLAN Ethernet port
Host Site Interface	MiniPCIe thru PCIe Interface
GigaLAN Connector	DF13-14P-1.25H, wafer box
Support Voltage and Current	+ 5.0 V, 100 mA
O.S Supported	Windows 2000/ XP/ Vista/ 7/ 8 (32 and 64-bits), Linux (2.6.32 or later)
Temperatures	Operation: -40 to +85 °C Storage: -40 to +85 °C
Dimensions (L x W x H)	50.59 x 30 x 15 mm

Ordering Information

Part No.	Product Description
EMIO-100E-MP01E	EMIO-100E, PCIe to GigaLAN Ethernet, 1-Ch, PCIe I/F (-40 to +85 °C)

Suggested Cables

Part No.	Specifications
1700023027-01	Cable, LAN 14P, w/ transformer LED, L=20cm (R: Green, L: Orange)

EMIO-100TL
18/24-bit LVDS to 1-Ch RGB TTL Port Module

NEW

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Features

- LVDS to 1x Ch RGB TTL port module
- Full size MiniPCIe type
- Supports 18/24-bit LVDS signal
- 2 control outputs (Horizontal/ Vertical reverse scan)

Specifications

Technology	RGB TTL port
Host Site Interface	18/24-bit LVDS interface
LVDS Connector	DF13-20DP-1.25V, 10x2-pins
TTL Connector	DF13-40DP-1.25V, 20x2-pins
Jumper Setting	VS and HS
Temperatures	Operation: -10 to +70 °C Storage: -40 to +85 °C
Dimensions (L x W x H)	50.59 x 30 x 15 mm

Ordering Information

Part No.	Product Description
EMIO-100TL-LVD01E	EMIO-100TL, 18/24-bit LVDS to RGB TTL (0 to +70 °C)

Suggested Cables

Part No.	Specifications
1700022577-01	Signal Cable, 1x10P-1.25 to 1x10P-1.25, L=30cm (For EMIO-100TL to MIO-5250, PCM-3356 usage)
1700022739-01	Signal Cable, 2x10P-1.25 to 2x20P-1.25, L=30cm (For EMIO-100TL to SIMB-M02 usage)
1700022578-01	Signal Cable, FPC-33P to 2x20P-1.25, L=30cm (For EMIO-100TL to 96LEDK-A057VG70NX2 usage)
1700022579-01	Signal Cable, 1x5P-2.0 to 1x6P-1.0, L=30cm (For EMIO-100TL to 96LEDK-A057VG70NX2 usage)

ADVANTECH **Embedded M2M/IoT Modules**

All product specifications are subject to change without notice