MIC-3958 Ethernet Switch Card

3U CompactPCI 3 Ports/5 Ports M12 X-Code Ethernet Switch Card



Features

- IEEE802.3x Support
- Up to 5 Ports robust M12 connectors on front panel
- Auto-negotiation/Auto MDI/MDIX crossover on all ports
- Switch Controller RTL8332M

Fully Compliant with EN 50121-4 | Fully Certified with EN 50155 | CE | FCC | RoHS COMPLIANT 2002/95/EC

Introduction

The MIC-3958D is a peripheral board with 3U CPCI former factor and used for Ethernet switch function, it can provide up to 5 ports M12 connectors with auto-negotiation, auto MDI/MDIX crossover switch function. MIC-3958D is designed to meet EN50155 and EN50121-4, with its high capabilities on mechanical, EMC, safety and wide range of environment requirements; it is especially suited for applications in harsh environment like railway and military.

Specifications

Ethernet Interface		▪ 10/100/1000 Base-T via M12 X-Code ▪ IEEE802.3x Support	
Front I/O		▪ 3 or 5 ports X-code M12 connectors ▪ LED indicators: LNK:Green when connected; ACT: Green Blink when data transferred	
Rear IO		Reserve 6 x MDI/MDIX to RIO	
Dimension		▪ 3U/4HP or 8HP, 100x160mm ▪ Weight:250g	
OS support		Windows, Linux	
Power Consumption		Test Environment: windows OS run Passmark burn in 10min ▪ MIC-3958D1-S1E: 5V/9.7W ▪ MIC-3958D1-D1E: 5V/10W	
Isolation Protection		▪ MIC-3958D: 1.2KV AC (ethernet signal to chassis ground) 1.5KV AC (ethernet signal to digital ground) Note: Test <20mA	
Dielectric Withstanding Voltage		▪ MIC-3958D: 1.5KV AC, chassis ground to digital ground Note: Test chassis ground to digital ground, <20mA	
Environment	Temperature	-40 ~ 70 °C (-40 ~ 158 °F)	-40 ~ 85 °C (-40 ~ 185 °F)
	Humidity	10 ~ 95% @ 40 °C, non-condensing	10 ~ 95% @ 60 °C, non-condensing
	Shock	3 G, 30ms, each axis three times	
	Vibration	2G rms	

Ordering Information

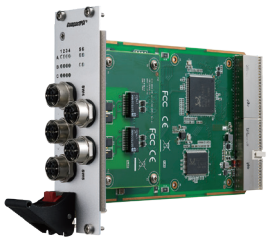
Product	Product Name	Description
Standard MIC-3958D series[1]	MIC-3958D1-S1E	3U CompactPCI Ethernet Switch Card with 3 ports M12 X-code on 4HP panel
	MIC-3958D1-D1E	3U CompactPCI Ethernet Switch Card with 5 ports M12 X-code on 8HP panel

Note 1:No accessory M12 cable, please contact local sales for cable spec.

Related Products

CPU board	Description
MIC-3328 Series	3U CompactPCI 3rd generation Ivy bridge Intel® Core™ i3/i7 Processor Blades
MIC-3329 Series	3U CompactPCI Baytrial Intel® Atom™ Low power Processor Blades
MIC-3332 Series	3U CompactPCI 6th generation Skylake Intel® Core™ i7/Xeon E3 Processor Blades

Products Picture



MIC-3958D1-D1E



MIC-3958D1-S1E

https://advvalue.com

All product specifications are subject to change without notice.