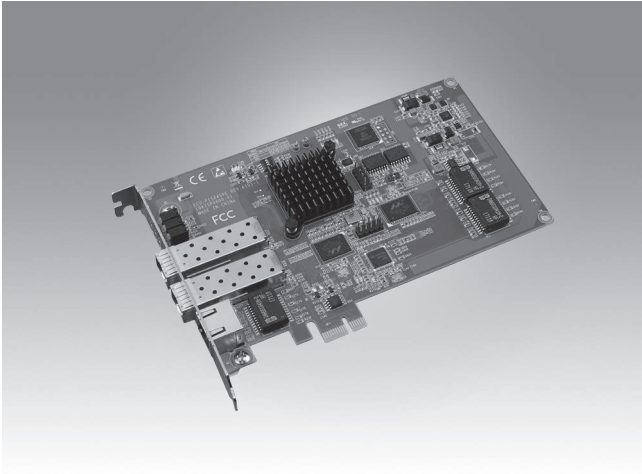# ECU-P1524SPE

2-Port SFP Base Etheret with HSR/PRP PCI Express Communication Card

Features

- CE/FCC certification
- Supports HSR protocol (IEC 62439-3, Clause 5)
- Supports PRP protocol (IEC 62439-3, Clause 4)
- PCI Express® x1 compliant
- 2 x SFP interface (for HSR/PRP)
- 1 x RJ45 (Interlink)
- Support IEEE 1588
- -25 ~ 70°C operating temperature range

RoHS COMPLIANT 2002/95/EC CE FCC

Introduction

The ECU-P1524SPE is a standard PCIe extension card with HSR/PRP functionality for reducing the data transfer packet loss probability and ensuring seamless system switching.

Specifications

General

- **BUS Interface**   PCI Express x1 (universal interface)
- **Dimensions**   7.3 x 3.9" (185 x 110 mm)
- **Power Consumption**   5V ± 5% @ 1000mA typical
                          3.3V ± 5% @ 600mA typical
- **Certification**   CE, FCC, IEC-61850-3

HSR/PRP

- **Mode Selection**   Hardware
- **LED Status**   2 x Act/Link, 1 x HSR/PRP, 1 x 100M/1000M
- **Ethernet**   2 x SFP (mini-GBIC) Ethernet ports with HSR/PRP
                          (Gigabit Base-X, Select by Switch)
                          (100Mbps Base-FX, Select by Switch)
- **Interface**   2x SFP (mini-GBIC) ports
                          1x RJ45 (Interlink)
- **Switch**   1 x HSR/PRP select
                          1 x SFP 100M/1000M select)

Environment

- **Operating Temperature** -25 ~ 70°C (-13 ~ 158°F)
                             IEC 60068-2-2 with 100% CPU/ I/O loading for 24 hours
- **Operating Humidity**   5 ~ 95% RH (non-condensing)
- **Storage Humidity**   5 ~ 95% RH (non-condensing)

Ordering Information

- **ECU-P1524SPE-AE**   2-port SFP Base Ethernet Card with HSR/PRP

Last updated: 27-Jun-2018