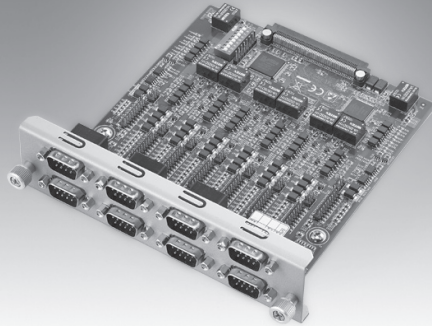


# ECU-P1628D/1618D ECU-P1624D

8-Port Isolated/Non Isolated RS-232/422/485

4-Port Isolated RS-232/422/485 with IRIG B

NEW



ECU-P1628D/1618D



## Specifications

### General

- **Connector** 120-pin connector for ECU-4784/PCIe
- **Dimensions** 5.3" x 6.0" (136 x 150 mm)
- **Power Consumption** 5V ± 5% @ 620mA typical  
3.3V ± 5% @ 75mA typical
- **Certification** CE/FCC

### Communication

- **IRQ** All COM ports use the same IRQ assigned by PCI Bus
- **COM Ports** 8 x RS-232/422/485 ports
- **Data Bits** 5, 6, 7, 8
- **Stop Bits** 1, 1.5, 2
- **Parity** None, Even, Odd
- **Baud-rate (bps)** RS-232: 50 ~ 115.2 kbps  
RS-422/485: 50 ~ 921.6 kbps (max)
- **Data Signals** TxD, RxD, RTS, CTS, RI, DSR, DTR, DCD, GND for RS-232  
Data+, Data-, GND for RS-422  
Tx+, Tx-, Rx+, Rx-, GND for RS-422

### Protection

- **Isolation Protection** 2500 V<sub>DC</sub> (ECU-P1628D)

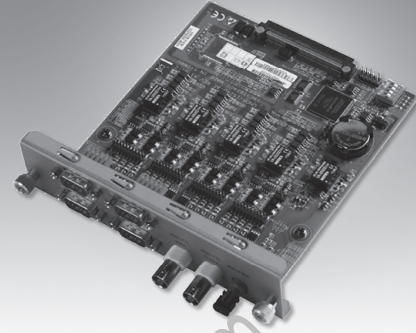
### Environment

- **Operating Temp.** -20 ~ 70°C (-4 ~ 158°F)
- **Operating Humidity** 10 ~ 90% RH  
non-condensing (refer to IEC 60068-2-3)
- **Storage Humidity** 5 ~ 95% RH non-condensing (refer to IEC 60068-2-3)

## Ordering Information

- **ECU-P1618D-B** 8-port RS-232/422/485 for ECU-4784
- **ECU-P1628D-B** 8-port Iso. RS-232/422/485 for ECU-4784

NEW



ECU-P1624D



## Specifications

### General

- **Connector** 120-pin connector for ECU-4784/PCIe+PCI
- **Dimensions** 5.3" x 6.0" (136 x 150 mm)
- **Power Consumption** 5V ± 5% @ 500mA typical. 3.3V ± 5% @ 180mA typical.
- **Certification** CE/FCC

### Communication

- **IRQ** All COM ports use the same IRQ assigned by PCI Bus
- **COM Ports** 4 x RS-232/422/485 ports
- **Baud rate (bps)** RS-232: 50 ~ 115.2 kbps  
RS-422/485: 50 ~ 921.6 kbps (Max.)
- **Data Signals** TxD, RxD, RTS, CTS, RI, DSR, DTR, DCD, GND for RS-232  
Data+, Data-, GND for RS-485Tx+, Tx-, Rx+, Rx-, GND for RS-422

### IRIG Time Code Input

- **IRIG Interface** Male 9-pole D-Sub connector (COM4 or IRIG-B)
- **ST Multi-Mode** Fiber connector  
Female BNC
- **Input Signal** RS-422 input signal isolated by optocoupler Optical  
signal @ 820nm; TTL
- **Supported Formats** IRIG-B according to IRIG  
STANDARD 200-04, 200-98

### IRIG Time Code Output

- **IRIG Interface** Male 9-pole D-Sub connector (COM4 or IRIG-B)
- **Output Signal** Female BNC  
RS-422 output signal; TTL

### IRIG Time Code Decoding

- **Message syntax** YYYYQQQHMMSS (yr, d, h, min, sec)
- **Resolution of the time** 1s
- **Status info** 1 status LED for indication

### Protection

- **Isolation Protection** 2500 V<sub>DC</sub> for COM/IRIG

### Environment

- **Operating Temp.** -20 ~ 70°C (-4 ~ 158°F)
- **Operating Humidity** 10 ~ 90% RH non-condensing (refer to IEC 60068-2-3)
- **Storage Humidity** 5 ~ 95% RH non-condensing (refer to IEC 60068-2-3)

## Ordering Information

- **ECU-P1624D-B** 4-port Iso. RS-232/422/485 and IRIG B for ECU-4784