



Features

- PCI Express x1 compliant
- Max. 20Mbps transfer rate
- 2 Rings of Motionnet® Master
- Max. 128 Motionnet® slave modules supported
- Easy installation with RJ45 phone jack and LED diagnostic
- Compare output FIFO x 2
- High Speed FIFO LATCH x 4
- General purpose isolated I/O: 4 DI and 4 DO
- Hardware IC with unique ID

Specifications

Number of ring	2
Serial interface	Half duplex RS-485 with transformer isolation
Cable type	CAT5 UTP/STP Ethernet cable
Surge protection	10KV
Transmission speed	2.5Mbps, 5Mbps, 10Mbps and 20Mbps
Data flow control	Automatic
Communication distance	Max. 100M (20Mbps/32 slave modules)
Communication slave module number	2 Rings with Max. 128 slaves (1 Ring with 64 slaves)
Isolated digital input	IN x 4, NPN type
Isolated digital output	OUT x 4, NPN type
Unique ID	Hardware IC
Incremental encoder input	±EA x 2, ±EB x 2
Position compare output	CMP x 2
Position latch input	LTC x 4, 1024 points / ch.
Bus type	1-lane 2.5 Gb/s PCI Express
Power consumption	3.3VDC at 430mA, 12VDC at 55mA typical
Working temperature	0 to 60°C

Ordering Information

PCE-L122-DCO	2-Ring Motionnet® Master card
104-T110-DUM	Extended daughter board with pluggable terminal block connectors
SCB-111-10A/20A /30A/50A	SCSI 20 pin, 1M/2M/3M/5M

Software Supporting

Windows 2000/XP/7 WDM driver	Support Visual C/C++, C#, Microsoft .NET Framework programming on Windows 2000/XP/7 platform with DLL
Motionnet® utility	MyLink for diagnosis of Motionnet® slave devices

01 Master Card

02 Digital Slave

03 Analog Slave

04 Motion Slave

05 Microstep Driver