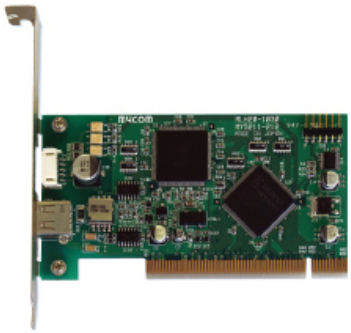
MYCOM, INC.

PCI-bus Host controller board MLH20-1030

Features

- Available to control up to maximum 30 modules corresponding to MECHATROLINK- II .
  One controller board can control maximum 30 modules such as stepping motor and servomotor corresponding to MECHATROLINK- II .
- Wiring saving is available.
  Complicated wring is unnecessary. Low cost and simple system construction are available.
- One package control of modules corresponding to MECHATROLINK- II is available.
  Available to Control parameter, motion program and so on by one package.
- Device driver+DLL (VisualC++) and driving sample software (optional) are prepared.
  Available to control maximum 2 boards.



MLH20-1030

Specifications

Item	specifications	
Bus specification	PCI Bus	
Communication type	MECHATROLINK- II conformity	
Control target	Device corresponding to MECHATROLINK- I / II	
Numbers of control module	Maximum 30 modules	
External I/F	MECHATROLINK- II communication port	1 ch.
	2 Inputs (Start, Emergency stop)	Input circuit: Photo coupler Control capacity: Less than 10mA at most, External input power DC24V use
	1 Output (RDY)	Output circuit: Photo coupler Control capacity: Less than 10mA at most, External Output power DC24V use
PC side source for use.	Memory space	Occupies 256 byte (100H) from base address assigned by PCI configuration.
	I/O space	Occupies 4 byte (04H) from base address assigned by PCI configuration.
	Interrupt I/F	Uses one IRQ assigned by PCI configuration.
Power	Bus logic power	+5VDC ±1.0A or less
	Power for sensor I/F	+24VDC (supplied externally) 0.1A or less
Board size	64.0mm (H) × 120.0mm (W) × 20.0mm (D)	
Mass	55 g	

MECHATROLINK specifications

		M- I	M- II	
		17-byte	17-byte	32-byte
Command	Servo	×	×	×
	Stepping Motor Drivers	×	×	×
	Intelligent I/O	×	×	×
	Simple I/O	×	×	×
	Inverter	×	×	×
Transmission cycle		2ms	0.5ms to 8ms (each 0.5ms setting)	

Contact Information

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