TECHNO HORIZON Co.,Ltd.

PCI Motion control board
169002-MBY-LE01 series

Features

It is suitable for motion control system application.

- Maximum 31 axes synchronization can be possible.
- Pulse output type software compatibility is available on this motion control board. So it is easer to convert current pulse interface to the network, also it can be realize in low cost.
- Support variety of external interface such as AE-LINK, external 2 inputs, external 1 input. It is possible to connect many slave devices from this board. And if large number of Input/Output points are necessary, it also supports Remote IO function (Cunet).
- Software library is available to support customer software development.

169002-MBY-LE01/01

Transmission cycle (ms)	Maximum notes
0.25	8
0.5	14
1	21
2	31

Specifications

Items		Specifications
Processer	CPU	SH4 HD6417750R 200MHz
	Memory	FRASH ROM 8MB
		SDRAM 16MB
		SRAM 128KB (Backup memory)
		EEPROM 8KB
		Shared memory 128KB (For data trasfer)
Servo I/F	Connector	RJ-45×2
	Interface	MECHATROLINK-Ⅲ
External input		2PORT (sink/source switch)
External output		1PORT (sink/source switch)
Remote I/O		Cunet (MKY40)
Serial I/F	Interface	AE-LINK
	Board rate	115.2Kbps (Maxmimum)
Support OS		Microsoft WindowsXP (Please ask for other OS)

MECHATROLINK specifications

		M-III			
		16-byte	32-byte	48-byte	64-byte
Profile	Standard servo	-	-	×	-
	Standard I/O	-	-	-	-
	Standard Stepping Motor Drivers	-	-	-	-
	Standard Inverter	-	-	-	-
Transmission cycle		0.25ms, 0.5ms, 1ms, 2ms			

Contact Information

TECHNO HORIZON Co.,Ltd.
Sales Dept. 1-3-4 Shioya-cho, Minami-ku, Nagoya, 457-0078 Japan TEL : +81-52-824-7373 FAX : +81-52-811-4737
URL : https://www.technohorizon.co.jp/