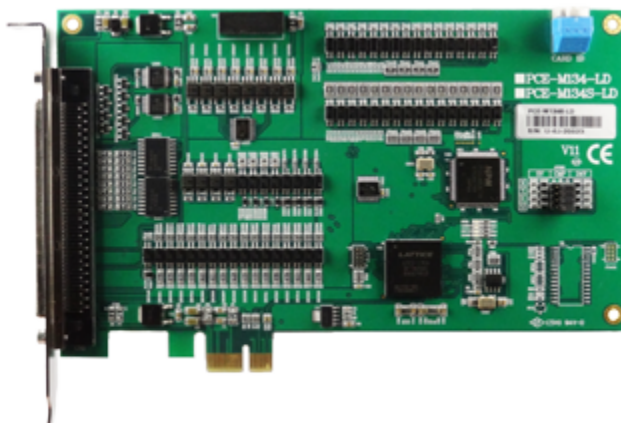


PCI Express

PCE-M134-LD



4-Axis Motion Card

Features

- On-board 4-axis motion control with Max. 2.4MHz pulse output rate
- Programmable acceleration and deceleration time
- Programmable pulse output
- Position compare and trigger output
- Compare output FIFO x 4
- General purpose isolated I/O: 16 DI and 16 DO

Ordering information

- **PCE-M134-LD**
4-Axis Motion Card with isolated DI / DO
- **107-T160-DUMP**
Terminal board for 4-axis
- **107-T161-DUM**
Terminal board for 4-axis
- **107-T162-DUMG**
Terminal board for 4-axis
- **SCB-166-20A**
SCSI 100 pin, 2M

Specification

Motion Control

Pulse output mode	OUT/DIR, CW/CCW
Pulse output rate	Max. 2.4Mpps
Position range	24 bits
Home return mode	2 types
Velocity profiles	T-curve and S-curve
Machine interface	PEL x 4, MEL x 4, ORG x 4, SLD x 4
Servo driver interface	ALM x 4, SVON x 4
Emergency input	EMG x 1
Position compare output	CMP x 4, 1024 Ponits / ch.
Isolated digital input	IN x 16
Isolated digital output	OUT x 16
Input logic	Logic: 0V to 1.5V Logic: 5V to 24V
Output types	NPN open darlington transistors
Switch capacity	Each output Ch. is 350mA at 24VDC
Response time	On to Off, about 50µs Off to On, about 10µs
I/O pin type	Optically isolated with 3750Vrms on all SCSI 100 pin

General

Specifications	1-lane 2.5 Gb/s PCI Express
Power consumption	3.3VDC at 430mA, 12VDC at 55mA typical
Working temperature	0 to 60°C