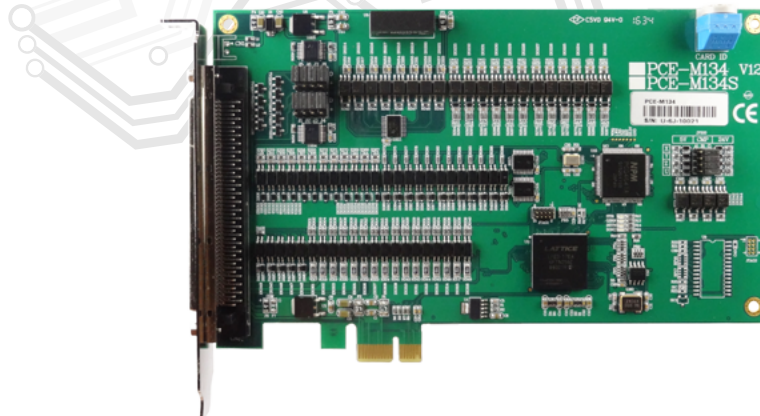


# PCI Express PCE-M134



## 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 and interrupt
- Position compare and trigger output
- Compare output FIFO x 4

### Ordering information

- **PCE-M134**  
4-Axis Motion Card
- **107-T141-GEN**  
Terminal board for 4-axis
- **107-T142-GEN**  
Terminal board for 4-axis
- **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

<b>Pulse output mode</b>	OUT/DIR, CW/CCW
<b>Pulse output rate</b>	Max. 2.4Mpps
<b>Position range</b>	24 bits
<b>Home return mode</b>	2 types
<b>Velocity profiles</b>	T-curve and S-curve
<b>Interpolation mode</b>	Linear
<b>Counter for encoder feedback signals</b>	24 bits
<b>Position compare output</b>	CMP x 4
<b>Incremental encoder input</b>	±EA x 4, ±EB x 4
<b>Machine interface</b>	PEL x 4, MEL x 4, ORG x 4, SLD x 4
<b>Servo driver interface</b>	ALM x 4, RDY x 4, SVON x 4, INP x 4, ERC x 4, ALMRST x 4
<b>Emergency input</b>	EMG x 1
<b>I/O pin type</b>	Optically isolated with 3750Vrms on all SCSI 100 pin

#### General

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