



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

Specifications

Pulse output mode	OUT/DIR, CW/CCW
Pulse output rate	Max. 2.4Mpps
Position range	24 bits
Home return mode	3 types
Velocity profiles	T-curve and S-curve
Position compare output	CMP x 4, 1024 points / ch.
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
Isolated digital input	IN x 16, NPN type
Isolated digital output	OUT x 16, NPN type
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 50 μ s; Off to On, about 10 μ s
I/O pin type	Optically isolated with 3750Vrms on all SCSI 100 pin
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

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