

APTech pinout conversion from old ISA A1616E card to new PCI-A12-16A

A1216E pinouts

Table B-1: A1216E Primary Connector Pin Assignments

4 OP1 Digital Output #1	Sonic bit
20 CTR2 OUT Counter 2 Output	Motor, square wave Freq=RPM
23 OP0 Digital Output #0 (LSB)	Etch bit
27 DAC1 OUT D/A Channel 1 Output	DAC1 Etch Voltage

PCI-A12-16A pinouts

Table 8-1: Analog Connector Pin Assignments PCI-A12-16A

13 OUT2 Counter/Timer 2 Counter Output	Motor, square wave Freq=RPM
15 DAC1 Analog Output 1	DAC1 Etch Voltage

Dip switched must be set for DAC1 range (unipolar/bipolar, 5V-10V) Chapter 3

Table 8-2: Digital Connector Pin Assignments PCI-A12-16A

Port A Bit 1 45 46	Etch bit
Port A Bit 0 47 48	Sonic bit