myQuake

Analog Input - Accelerometers

1) AI0 is connected to Accel_A
2) AI1 is connected to Accel_B

Accelerometer Truth Table

	DIO Line Setting							
	X = Don't Care Gsel: 0 = +/- 1.5g Gsel: 1 = +/-6g							
Accel_A	**DO0**	**DO1**	**DO2**	**DO3**	**DO4**	**DO5**	**DO6**	**DO7**
X	1	0	Gsel	X	X	X	X	1
Y	0	1	Gsel	X	X	X	X	1
Z	1	1	Gsel	X	X	X	X	1
Accel_B	**DO0**	**DO1**	**DO2**	**DO3**	**DO4**	**DO5**	**DO6**	**DO7**
X	X	X	X	X	1	0	Gsel	1
Y	X	X	X	X	0	1	Gsel	1
Z	X	X	X	X	1	1	Gsel	1

Analog Output

The motor speed is controlled by AO0.
Range: 0-10V
Best results are achieved using PWM control.

Additional I/0 (available on small terminal block)

DIO3 /CNTR
5V supply from myDAQ
GND