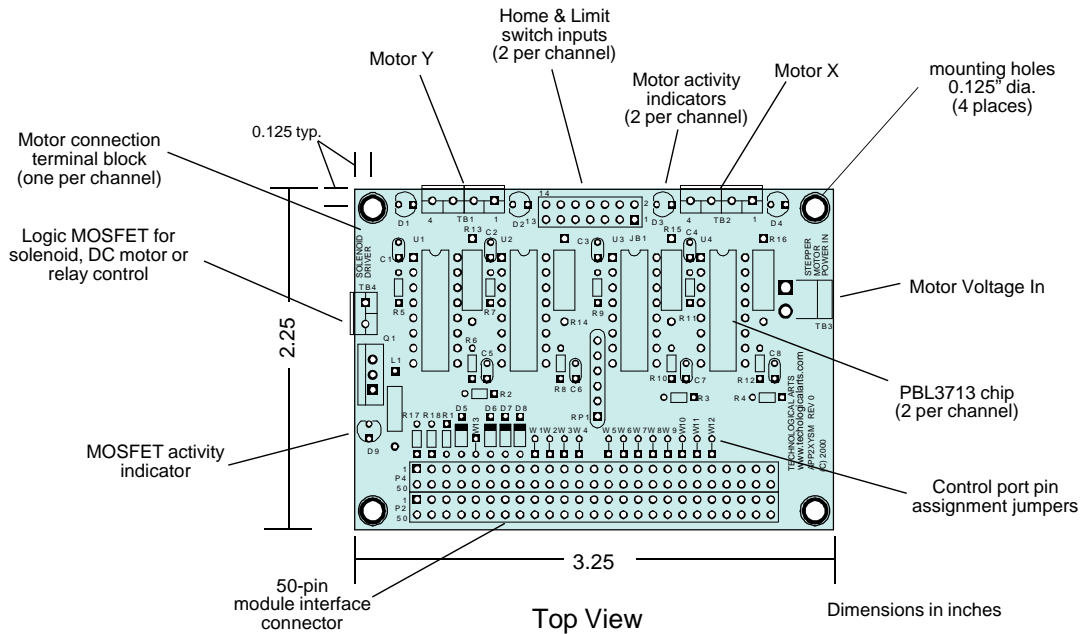


X-Y Stepper Motor Controller

Mechanical Data and Pin Configuration



P1/P3 Pin Assignments

PIN #	SIGNAL NAME	PIN #	SIGNAL NAME
1	not used	50	GROUND
2	not used	49	GROUND
3	not used	48	not used
4	not used	47	+5V
5	not used	46	IRQ* (LIMITS)
6	not used	45	not used
7	MOSFET CTRL	44	not used
8	not used	43	not used
9	not used	42	X PHASE CTRL0
10	not used	41	X PHASE CTRL1
11	not used	40	Y PHASE CTRL0
12	not used	39	Y PHASE CTRL1
13	not used	38	LIMIT INPUT X0
14	X0 I1 CTRL	37	LIMIT INPUT X1
15	X0 I0 CTRL	36	LIMIT INPUT Y0
16	X1 I1 CTRL	35	LIMIT INPUT Y1
17	X1 I0 CTRL	34	not used
18	Y0 I1 CTRL	33	not used
19	Y0 I0 CTRL	32	not used
20	Y1 I1 CTRL	31	not used
21	Y1 I0 CTRL	30	not used
22	not used	29	not used
23	not used	28	not used
24	not used	27	not used
25	not used	26	not used

NOTE: * indicates active low

Order Code:
AD12XYSM-□(□)
(fill in desired connector option)



Standard Connector Options

