J1
1	
2	CX0
3	CX1
4	X2
5	Y0
6	Y1
7	Y2
8	

VCC
C3
10uF
GND

U1B
74138
VCC 16
GND 8
VCC
C1
0.1uF
GND

U2B
74138
VCC 16
GND 8
VCC
C2
0.1uF
GND

VCC
R3
4.7K

U1A — 74138
pin			pin
1	S0	Y0	15
2	S1	Y1	14
3	S2	Y2	13
		Y3	12
4	E1̄	Y4	11
5	E2̄	Y5	10
6	E2	Y6	9
		Y7	7

CX0, CX1, X2

VCC
R1
2.2K

X̄-RIGHT-FAST D1
X̄-RIGHT-MED D2
X̄-RIGHT-SLOW D3
X̄-LEFT-SLOW D4
X̄-LEFT-MED D5
X-LEFT_FAST D6

GND

U2A — 74138
pin			pin
1	S0	Y0	15
2	S1	Y1	14
3	S2	Y2	13
		Y3	12
4	E1̄	Y4	11
5	E2̄	Y5	10
6	E2	Y6	9
		Y7	7

Y0, Y1, Y2

VCC
R2
2.2K

Ȳ-DOWN-FAST D7
Ȳ-DOWN-MED D8
Ȳ-DOWN-SLOW D9
Ȳ-UP-SLOW D10
Ȳ-UP-MED D11
Ȳ-UP-FAST D12