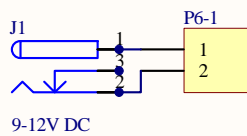
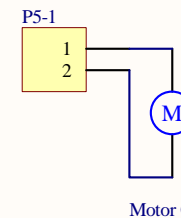
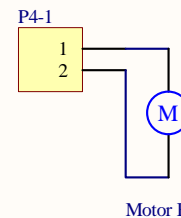
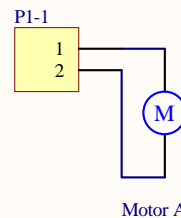
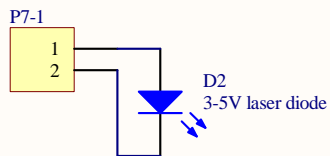
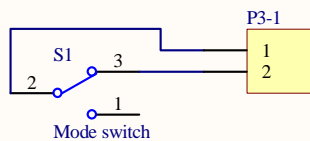


1 - auto
0 - manual



Comment	Description	Designator	Quantity	Value	Digikey part number
Cap	Capacitor	C1	1	100nF	399-4264-ND
Cap Pol1	Polarized Capacitor (Radial)	C2	1	100uF	493-1301-ND
Cap Pol1	Polarized Capacitor (Radial)	C3, C4	2	10uF	493-1036-ND
Diode 1N4148	High Conductance Fast Diode	D1	1		1N4148FS-ND
ICSP	Header, 5-Pin	P2	1		WM6505-ND
2N7000	N-Channel Enhancement Mode DMOS FET	Q1, Q2, Q3	3		2N7000FS-ND
Res1	Resistor	R1, R2	2	10K	10.0KXBK-ND
RPot	Potentiometer	R4, R7, R9	3	10K	CT2205-ND
Res1	Resistor	R5, R6, R8	3	330	332XBK-ND
Res1	Resistor	R10	1	10	10.0XBK-ND
Res1	Resistor	R11	1	240	243XBK-ND
RPot	Potentiometer	R12	1	1K	3299W-102LF-ND
PIC18F1320-E/P	Microcontroller, 8K FLASH, 18-Pin PDIP	U1	1		PIC18F1320-I/P-ND
MC78M05ACT	Positive Voltage Regulator	U2	1		MC7805CTGOS-ND
LM317BT	Adjustable Output Positive Voltage Regulator	U3	1		LM317TFS-ND
	DIP-18 socket		1		AE9995-ND

Title PIC laser spirograph. External components.

Size
A

Number

Revision 1.2

Date: 3/13/2010

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