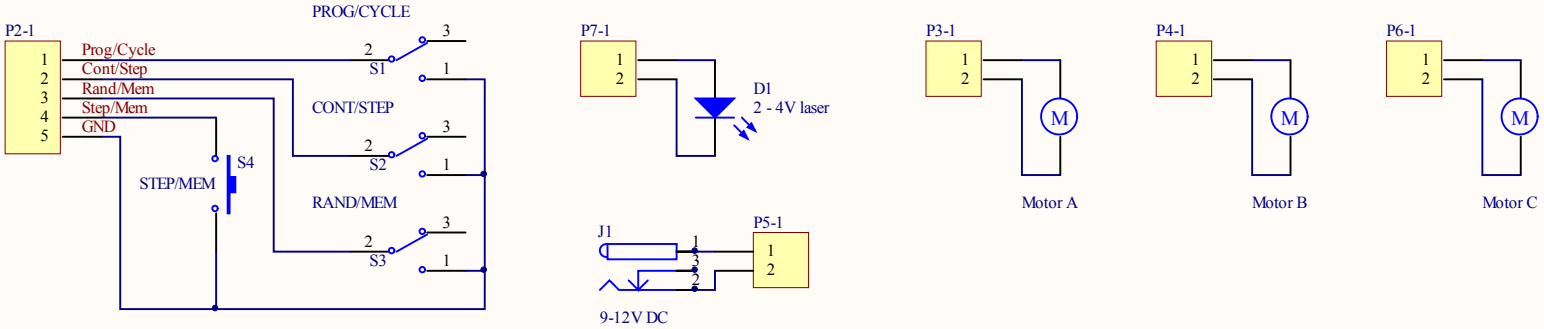

Comment	Description	Designator	Quantity	Value	Digykey part number
Cap	Capacitor	C1	1	100nF	399-1170-1-ND
Cap Pol1	Polarized Capacitor (Radial)	C2, C4	2	10uF 25V	PCE4789CT-ND
Cap Pol1	Polarized Capacitor (Radial)	C3	1	100uF 25V	PCE3898CT-ND
1N4148	High Conductance Fast Diode	D1	1		LL4148FSCT-ND
SS26	Schottky Diode	D2	1		SS26-TPMSCT-ND
Inductor	Inductor	L1	1	68uH	811-1181-1-ND
ICSP	Header, 5-Pin	P1	1	(25 pins breakable)	3M9456-ND
PMBF170	N-channel Enhancement Mode FET	Q1, Q2, Q3	3		MMBF170-FDICT-ND
Res1	Resistor	R00	1	Jumper	RHM0.0ARCT-ND
Res1	Resistor	R1, R2, R3,	5	10K	RHM10KARCT-ND
Res1	Resistor	R6, R7, R8	3	330	RHM330ARCT-ND
RPot	Potentiometer	R9, R10, R1	3	10K	CT2205-ND
Res1	Resistor	R12	1	10	RHM10ARCT-ND
Res1	Resistor	R13	1	240	RHM240ARCT-ND
RPot	Potentiometer	R14	1	1K	3299W-102LF-ND
PIC18F1320-E/P	FLASH Microcontroller, 8K FLASH, 18-Pin SOIC	U1	1		PIC18F1320-I/SO-ND
MIC4680	1A switch-mode voltage regulator	U2	1		576-1221-1-ND
LM1117IMP-ADJ	800mA Low-Dropout Linear Regulator	U3	1		NCP1117ST50T3GOSCT-ND
Mode switch	SPDT Toggle Switch	S1,S2,S3	3		EG2350-ND
Button	SPST off-on button	S4	1		SW632-ND

Title		
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Date: 9/18/2010	Sheet of	
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