
Bill Of Materials for Pwm_Control_V4.sch on Fri Jan 24 15:55:29 2020						

Item	Qty	Reference	Part Name	Manufacturer	Description	Value

1	1	C3	CAP-CK05,10n,	KEMET	RADIAL CERAMIC CAPACITOR,	10n
			???		MIL-SPEC SIZE CK05	
2	1	C2	CAP-CK05,22n,	KEMET	RADIAL CERAMIC CAPACITOR,	22n
			???		MIL-SPEC SIZE CK05	
3	1	C1	CAP-CK05,330n,	KEMET	RADIAL CERAMIC CAPACITOR,	330n
			???		MIL-SPEC SIZE CK05	
4	1	C5	CAP-CK05,???,	KEMET	RADIAL CERAMIC CAPACITOR,	???
			???		MIL-SPEC SIZE CK05	
5	1	C4	CAP-CX12-B,	KEMET	POL. DIPPED SOLID TANT. CAP.	???
			???,1u		MIL-SPEC SIZE CX12 CASE 'B'	
6	1	J2	CONRA-2P-200		RIGHT ANGLE 2-PIN M/F	
					HORIZONTAL PCB CONNECTOR	
7	1	J1	CONRA-5P-200		RIGHT ANGLE 5-PIN M/F	
					HORIZONTAL PCB CONNECTOR	
8	2	D1-2	DIODE		GENERIC DIODE W ALTERNATE	
9	1	U1	LM324	MOTOROLA	QUAD DIFFERENTIAL INPUT	
					OPERATIONAL AMPLIFIER	
10	1	U2	MC7805ACT	MOTOROLA	POSITIVE VOLTAGE REGULATOR;	
					FIXED +5.0 VOLTS	
11	1	D6	MLED71	MOTOROLA	INFRARED LED	
12	4	H1-4	PCB_HOLE			
13	2	R1 R6	RES-1/4W,100k		RES BODY:100 CENTERS:500	100k
14	2	R2 R22	RES-1/4W,10k		RES BODY:100 CENTERS:500	10k
15	1	R7	RES-1/4W,1k		RES BODY:100 CENTERS:500	1k
16	1	R5	RES-1/4W,200		RES BODY:100 CENTERS:500	200
17	1	R3	RES-1/4W,43k		RES BODY:100 CENTERS:500	43k
18	1	R8	RES-1/4W,51k		RES BODY:100 CENTERS:500	51k
19	15	R9-21	RES-1/4W,???		RES BODY:100 CENTERS:500	???
		R23-24				
20	2	U3-4	TL084CN		JFET_quad_operational_amplifi	
					ers	
21	1	R4	VRES-TOP-ADJ		VARIABLE RESISTOR (TOP ADJUST	
					TYPE)	

