



Title		
Size	Number	Revision
A4		
Date:	9/11/2024	Sheet of
File:	C:\Users\...\Schematic_Sheet_1.SchDoc	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
0.01uF	CAP CER 0.1UF 50V Z5U AXIAL	C?	FP- C410C104M5U5TA72 00-MFG	CMP-03020-034640-1	3
0.22uF	CAP CER 0.1UF 50V Z5U AXIAL	C?	FP- C410C104M5U5TA72 00-MFG	CMP-03020-034640-1	1
2F	Aluminum Electrolytic Capacitors (Radial Lead Type) 10uF ±20% 450V	C?	FP-RAD-TH- D_12_5_0_5-L_20- MFG	CMP-05427-000677-1	1
20uF	Aluminum Electrolytic Capacitors (Radial Lead Type) 20uF ±20% 450V	C?	FP-RAD-TH- D_12_5_0_5-L_20- MFG	CMP-05427-000677-1	1
47 uF	Aluminum Electrolytic Capacitor, 47 uF +/- 20%, 35 V, -40 to 85 degC, 2-Pin THD, RoHS, Bulk	C?	NIC-UVR-5x11-2_V	CMP-1217-00002-1	3
1N4007	Rectifier diode 1000 V 1 A DO-41, ,	D?	FP-1N4007-MFG	CMP-123542-000001- 1	2
151051BS04000		D?	WL-TMRC_D5.9H8.7	CMP-1488-00009-2	1
151051RS11000		D?	WL-TMRC_D5.9H8.7	CMP-1488-00008-2	1
151051VS04000		D?	WL-TMRC_D5.9H8.7	CMP-1488-00007-2	1
P6KE36ARLG	600 W Peak Power Transient Voltage Suppressor, 2-Pin Surmetic(TM) 40, Pb- Free, Tape and Reel	D?	ONSC-SURMETIC40-2- 017AA-01	CMP-1061-000690-1	1
0154004.DR	FUSE BRD MNT 4A 125VAC/VDC 2SMD	F?	FP-0154-MFG	CMP-08605-000003-1	1
282836-4	282836-4 Connector, Terminal Block; Wire Receptacle; 4 Pos.; 16- 30 AWG; 0.197 in. CL; Sid	J?	FP-282836-4-MFG	CMP-03790- 46505329-1	1
PJ-002A	Through Hole Right Angle DC Power Jack, 2.5 A, 2 mm Center Pin, 3 Position, -25 to 85 degC, RoHS, Bulk	J?	CUI-PJ-002A_V	CMP-2000-06895-2	1
Pot		J?	691101710003	CMP-1502-03257-2	1
292161-3	Male Header, Pitch 2 mm, 1 x 3 Position, Height 6.8 mm, Tail Length 3.2 mm, -40 to 105 degC, RoHS, Bulk	P?	TECO-292161-3_V	CMP-2000-05551-1	1
BC547B	Amplifier Transistor, NPN Silicon, 3-Pin TO- 92, Bulk Box	Q?	ONSC-TO-92-3-29-11	CMP-1048-01467-1	1
1K	RES 20K OHM 0.4W 1% AXIAL	R?	FP-MRS1600-MFG	CMP-02408-000019-1	4
5K	RES 20K OHM 0.4W 1% AXIAL	R?	FP-MRS1600-MFG	CMP-02408-000019-1	1
10K	RES 20K OHM 0.4W 1% AXIAL	R?	FP-MRS1600-MFG	CMP-02408-000019-1	1
12K	RES 20K OHM 0.4W 1% AXIAL	R?	FP-MRS1600-MFG	CMP-02408-000019-1	1
270ohms	RES 20K OHM 0.4W 1% AXIAL	R?	FP-MRS1600-MFG	CMP-02408-000019-1	2
830K	RES 20K OHM 0.4W 1% AXIAL	R?	FP-MRS1600-MFG	CMP-02408-000019-1	1
CD4060BPW	CMOS 14-Stage Ripple Carry Binary Counter / Divider and Oscillator, 3 to 18 V, -55 to 125 degC, 16-Pin TSSOP (PW), Green (RoHS & no Sb/Br), Tube	U?	PW0016A_L	CMP-1086-00016-4	1
LM555CN/NOPB	IC OSC SINGLE TIMER 100KHZ 8-DIP	U?	FP-P0008A-MFG	CMP-0056-00016-4	2