

Bill Of Materials for SY-TEO-v2.2

Design Title SY-TEO-v2.2
Author SY
Document Number
Revision 0.1
Design Created Monday, February 10, 2020
Design Last Modified Thursday, March 5, 2020
Total Parts In Design 67

0 Modules

Quantity	References	Value	PCB Package
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Sub-totals:

13 Capacitors

Quantity	References	Value	PCB Package
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1	C2	0.1u	axial60
1	C3	33nF	axial60
2	C4-C5	0.1u/200V	axial60
1	C7	1nF	axial60
1	C16	1u0/400V	AXIAL80wide
1	C20	47u/150V	ELEC-RAD20
1	C21	0.1u/200V	CAP20
1	C22	1nF	CAP20
1	C23	220u	ELEC-RAD20
1	C24	220uF	ELEC-RAD20
1	C25	0u47	CAP20
1	C35	0.22u	AXIAL60

Sub-totals:

32 Resistors

Quantity	References	Value	PCB Package
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2	R1-R2	22.5k	res40
2	R3-R4	100	res40
2	R5-R6	10k	res60
1	R7	150	res40
6	R8-R9,R19,R32-R33,R52	10k	res40
2	R10-R11	1k	res40
2	R12-R13	20k	RES80
2	R14-R15	10.7k	res60
1	R16	3.16k	res60
1	R17	91R	res60
2	R18,R20	1M	res40
1	R21	1Meg	RES40
1	R30	1.2k	res40
1	R31	120	res40
1	R34	1k	POT-SIL3
1	R35	1.5k	res40
1	R51	10k	RES40
1	R53	125k	RES80
1	R54	8.2k	RES80
1	R55	51k	RES80

Sub-totals:

1 Integrated Circuits

Quantity	References	Value	PCB Package
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1	U3	LM337T	TO220
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Sub-totals:

10 Transistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>
2	Q1-Q2	LSJ74B	TO92-100
2	Q3-Q4	FDPF5N50FT	TO220
4	Q5-Q6,Q9-Q10	DN2540	TO220
1	Q19	TIP50	TO220
1	Q20	ZTX857	TO92-80

Sub-totals:

5 Diodes

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>
2	D1-D2	LED	LED
2	D9,D19	1N4007	DO41
1	D17	LM329	TO92-80

Sub-totals:

6 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>
1	J1	PIN	PIN
4	J5-J8	TBLOCK-I3	TBLOCK-I3
1	V1	ECC88	novalPCB

Sub-totals:

Totals:

Thursday, March 5, 2020 3:52:17 PM