

Bill Of Materials for invisor

Design Title invisor
Author
Document Number
Revision
Design Created Sunday, June 10, 2018
Design Last Modified Wednesday, June 27, 2018
Total Parts In Design 79

0 Modules

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>PCB Package</u>
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Sub-totals:

19 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>PCB Package</u>
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8	C1-C3, C8, C10-C12, C16	100n	Farnell 499-687	0805_CAP
9	C4-C5, C9, C13-C15, C17-C19	10U	Digikey P5148-ND	CAPPRD200W50D500H1250
2	C6-C7	1U	Digikey P5148-ND	CAPPRD200W50D500H1250

Sub-totals:

19 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>PCB Package</u>
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5	R1-R4, R12	10k		RES40
1	R9	50R		RES40
3	R13-R15	10k		0805_RES
2	R16, R19	2k		RES40
1	R17	100R		RES40
1	R18	100R		0805_RES
6	R20-R25	10R		RES40

Sub-totals:

3 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>PCB Package</u>
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1	U1	LM324		DIL14
2	U2-U3	IR2184		DIL08

Sub-totals:

4 Transistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>PCB Package</u>
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4	Q1-Q4	IRF840		TO220
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Sub-totals:

18 Diodes

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>PCB Package</u>
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6	D1-D4, D13, D18	UF4007		DO41
3	D5-D6, D8	1N4007		SMA
1	D7	1N4007		DO41
4	D9, D11, D14, D16	1N4148		DO35
4	D10, D12, D15, D17	1N4747A		DO41

Sub-totals:

16 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>PCB Package</u>
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1	H1	1.0		NULL
2	J1-J2	CONN-DIL20		CONN-DIL20
3	J3-J4, J6	TBLOCK-I2		TBLOCK-I2
1	J7	TBLOCK-I3		TBLOCK-I3
5	J8-J12	CONN-SIL1		CONN-SIL1
1	L1	1mH		NULL
2	RV1-RV2	1K	Digikey 3252W-102LF-ND	PRE-SQ1

1	TR1	TRAN-2P2S	NULL
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Sub-totals:

Totals:

Thursday, June 28, 2018 6:55:26 AM