

# Bill Of Materials for complete-projec-finalt

**Design Title** complete-projec-finalt  
**Author**  
**Document Number**  
**Revision**  
**Design Created** Friday, October 21, 2022  
**Design Last Modified** Friday, April 14, 2023  
**Total Parts In Design** 260

## 0 Modules

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
Sub-totals:				\$0.00

## 9 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
4	C1,C4-C5,C8	10000pF	Digikey 478-1114-1-ND	
4	C2-C3,C6-C7	1.0u	Digikey 478-1249-2-ND	
1	C9	100u	Farnell 578-149	
Sub-totals:				\$0.00

## 51 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
2	R1,R13	10K	Digikey P1.0KYTR-ND	
2	R2,R14	1000K	Digikey P1.0KYTR-ND	
1	R3	1.0M	Digikey P1.0MJCT-ND	
2	R4,R16	1.0K	Digikey P1.0KYTR-ND	
43	R5-R12,R17-R51	10k		
1	R15	1K	Digikey P1.0MJCT-ND	
Sub-totals:				\$0.00

## 190 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
4	U1-U2,U74-U75	NE555		
2	U3,U76	74LS08		
15	U4,U11,U28,U32,U36,U40,U62,U64,U71,U77,U116,U132,U136,U156,U169	74LS04		
2	U5,U78	74LS32		
30	U6-U7,U9-U10,U13-U14,U26-U27,U30-U31,U34-U35,U38-U39,U68,U70,U79-U80,U82-U83,U113-U114,U117-U118,U130-U131,U134-U135,U167-U168	74LS173		
34	U8,U12,U15,U29,U33,U37,U41-U42,U61,U63,U65,U67,U72,U81,U84,U115,U119-U120,U122,U124,U126,U128,U133,U137,U139,U143,U146-U148,U160,U163,U170,U175,U177	74LS245		
4	U16-U17,U85-U86	74LS283		
16	U18-U25,U87-U94	XOR		

4	U43-U44, U95-U96	74LS85
24	U45-U52, U97-U104, U179-U185, U188	AND
18	U53-U60, U105-U112, U186-U187	OR
19	U66, U69, U121, U123, U125, U127, U129, U140, U144, U149-U151, U161, U164-U166, U176, U178, U189	NOT
1	U73	6264
4	U138, U145, U159, U162	6116
8	U141-U142, U157-U158, U171-U174	74157
2	U152-U153	74283
2	U154-U155	74173
1	U190	OR_10

Sub-totals: \$0.00

## 2 Transistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
2	Q1-Q2	2N1711		

Sub-totals: \$0.00

## 6 Diodes

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
4	D1-D2, D4-D5	LED-RED		
2	D3, D6	LED-YELLOW		

Sub-totals: \$0.00

## 2 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
2	RV1-RV2	1M	Digikey 3009P-105LF-ND	

Sub-totals: \$0.00

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Totals: \$0.00

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