

Bill Of Materials for IR2112

Design Title IR2112
Author
Document Number
Revision
Design Created 16 October 2018
Design Last Modified 10 December 2018
Total Parts In Design 121

0 Modules

Quantity	References	Value	Stock Code	Unit Cost
Sub-totals:				₹0.00

11 Capacitors

Quantity	References	Value	Stock Code	Unit Cost
4	C2,C4,C6,C9	47u	Maplin VH33L	
3	C10,C11,C12	100u	Digikey P5928-ND	
3	C14,C15,C16	10U	Digikey P5334-ND	
1	C18	1000u	Digikey P14425-ND	
Sub-totals:				₹0.00

68 Resistors

Quantity	References	Value	Stock Code	Unit Cost
28	R1,R10,R11,R12,R13,R14,R15,R16,R17,R18,R19,R20,R53,R54,R55,R56,R57,R58,R59,R60,R61,R62,R63,R64,R65,R66,R67,R68	82R	M82R	
3	R7,R8,R9	0R27	W0R27	
37	R21,R22,R23,R24,R25,R26,R27,R28,R29,R30,R31,R32,R33,R34,R35,R36,R37,R38,R39,R40,R41,R42,R43,R44,R45,R46,R47,R48,R49,R50,R51,R69,R70,R71,R72,R73,R74	12K	Digikey 311-12KGCT-ND	
Sub-totals:				₹0.00

7 Integrated Circuits

Quantity	References	Value	Stock Code	Unit Cost
3	U1,U2,U3	IR2112		
1	U4	7815		
1	U5	7805		
2	U6,U7	MCP6024		
Sub-totals:				₹0.00

6 Transistors

Quantity	References	Value	Stock Code	Unit Cost
6	Q1,Q2,Q3,Q4,Q5,Q6	IRG4PH50U		
Sub-totals:				₹0.00

7 Diodes

Quantity	References	Value	Stock Code	Unit Cost
7	D1,D2,D3,D10,D11,D12,D13	1N4007G		
Sub-totals:				₹0.00

22 Miscellaneous

Quantity	References	Value	Stock Code	Unit Cost
1	BR1	GSIB1580		

4	J1,J7,J21,J22	SIL-100-08
1	J2	TBLOCK-I2
1	J4	TBLOCK-I4
1	J5	TBLOCK-I3
14	J6,J8,J9,J10,J11,J12,J13,J14,J15,J16,J17,J18,J19,J20	CONN-H2

Sub-totals: ₹0.00

Totals: ₹0.00

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