

Bill Of Materials for ECE298_RS_ADAPTER

Design Title ECE298_RS_ADAPTER
Author
Document Number
Revision
Design Created Friday, July 7, 2023
Design Last Modified Monday, December 2, 2024
Total Parts In Design 32

12 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>
5	C3,C4,C5,C11,C14	100uF
7	C6,C7,C8,C9,C10,C12,C13	0.1uF

Sub-totals:

3 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>
2	R2,R6	80
1	R5	150

Sub-totals:

4 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>
2	U1,U4	ECE298_RS_74HCT541
1	U2	ECE298_RS_CMOS4050
1	U3	ECE298_RS_L9110

Sub-totals:

13 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>
2	CN7,CN10	1-534236-9
1	J1	Speed Sensor
2	J2,J4	ECE298_RS_2PINHDR
1	J3	DUAL SEVEN SEGMENT
1	J5	TEST POINT
1	J6	LED_RGB
1	J7	PWM DC Motor

1	J8	DISTANCE SENSOR
3	POTENTIOMETER, SERVO MOTOR, UART/USB CABLE	

Sub-totals:

Totals: