

Bill Of Materials for ECE298_RS_ADAPTER

Design Title ECE298_RS_ADAPTER
Author
Document Number
Revision
Design Created Monday, November 11, 2024
Design Last Modified Monday, November 11, 2024
Total Parts In Design 38

0 Modules

Quantity	References	Value
Sub-totals:		

11 Capacitors

Quantity	References	Value
3	C1,C4,C8	100u
6	C2,C6-C7,C9,C12-C13	0.1u
2	C5,C10	10u

Sub-totals:

4 Resistors

Quantity	References	Value
1	R1	150
2	R2-R3	80
1	R4	1K

Sub-totals:

5 Integrated Circuits

Quantity	References	Value
2	U1,U5	ECE298_RS_74HCT541
2	U2,U4	ECE298_RS_CMOS4050
1	U3	Motor Controller (L9110)

Sub-totals:

0 Transistors

Quantity	References	Value
Sub-totals:		

0 Diodes

Quantity	References	Value
Sub-totals:		

18 Miscellaneous

Quantity	References	Value
2	CN7,CN10	1-534236-9
1	J1	Servo
1	J2	RGB LED
1	J3	Timer Board
2	J4,J15	Bench Power Supply
6	J5,J10-J13,J16	Test Probe
1	J6	RPM Sensor
1	J7	Brush Motor
1	J8	HC-SR04 Distance Sensor
1	J9	USART Connector
1	RV1	10K

Sub-totals:

Totals: