

Bill Of Materials for ECE298\_RS\_ADAPTER

Design Title ECE298\_RS\_ADAPTER  
Author  
Document Number  
Revision  
Design Created July 7, 2023  
Design Last Modified November 30, 2024  
Total Parts In Design 36

11 Capacitors

Quantity	References	Value
2	C1,C9	10000pF
9	C2-C3,C5-C8,C10-C12	100uF

Sub-totals:

4 Resistors

Quantity	References	Value
2	R1,R3	80
1	R2	150
1	R7	1000

Sub-totals:

4 Integrated Circuits

Quantity	References	Value
1	U2	ECE298_RS_CMOS4050
1	U3	ECE298_RS_L9110
2	U4-U5	ECE298_RS_74HCT541

Sub-totals:

17 Miscellaneous

Quantity	References	Value
2	CN7,CN10	1-534236-9
2	J1,J13	ECE298_RS_BENCH_POWER
1	J2	TIMER BOARD POWER
1	J6	MG90S Servo
1	J8	HCSR04
1	J9	DC MOTOR
1	J10	UART PERIPHERAL
1	J11	RGB LED
1	J12	RPM SENSOR
1	J14	TIMER BOARD
4	J15-J18	ECE298_TERMINAL_VIA
1	RV4	10K

Sub-totals:

Totals: