

Id	Designator	Package	Quantity	Designation	Supplier and ref
1	RV4,RV22,RV19,RV16,RV15,RV14,RV13,RV12,RV11,RV10,RV9,RV8,RV7,RV6,RV5,RV3,RV2,RV1	Potentiometer_Alpha_9mm_single_gang	18	B100k	alpha 9 mm pot
2	U4,U3,U2	DIP-14_W7.62mm	3	TL084	or TL074
3	SW6,SW1,SW5	Switch_SP	3	SW_SPST	MTS-102
4	RV21,RV18	Potentiometer_Alpha_9mm_single_gang	2	B50k	alpha 9 mm pot
5	RV20,RV17	Potentiometer_Alpha_9mm_single_gang	2	A1M	alpha 9 mm pot
6	R79,R72,R47,R46,R45,R44,R43,R42,R41,R40,R48,R36,R35,R34,R33,R32,R31,R30,R29,R26,R15,R9,R2	R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal_Value_Silks	23	10k	1/4 w
7	R78,R71,R66,R64,R63,R62,R61,R60,R59,R58,R57,R56,R55,R54,R53,R52,R51,R50,R49,R25,R39,R20,R16,R11,R10,R7,R8,R4,R3,R1,R14	R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal_Value_Silks	31	1k	1/4 w
8	R76,R75,R73,R38,R37,R27	R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal_Value_Silks	6	68k	1/4 w
9	R74,R70,R69,R67,R65,R28,R23,R21,R24,R19,R17,R12,R5	R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal_Value_Silks	13	100k	1/4 w
10	R68,R22	R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal_Value_Silks	2	18k	1/4 w
11	J16,J7,J3,J15,J14,J13,J12,J11,J10,J9,J8,J6,J5,J4,J1	Jack_JST_conn_1x02_P2.50mm	15	AudioJack	JST or solder directly
12	D37,D36,D27,D26,D1,D2,D4,D5,D6,D8,D28,D29,D30,D31,D32,D33,D34,D35	LED_D5.0mm	18	LED	
13	C7,C10,C12	C_Disc_D6.0mm_W2.5mm_P5.00mm	3	100nF	ceramic
14	C6,C4	C_Disc_D14.5mm_W5.0mm_P7.50mm	2	470nF	film
15	J17	IDC-Header_2x05_P2.54mm_Vertical	1	Conn_02x05	box header
16	J2	JST_EH_B3B-EH-A_1x03_P2.50mm_Vertical	1	Conn_01x03	optional
17	U1	DIP-16_W7.62mm	1	74HC595	
18	C11,C8	CP_Radial_D5.0mm_P2.50mm	2	10uF	
19	C9	CP_Radial_D5.0mm_P2.50mm	1	330nF	
20	Q1,Q11,Q10,Q9,Q8,Q7,Q6,Q5,Q4,Q3,Q2	TO-92_Inline_Wide	11	2N3904	
21	R80,R77	R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal_Value_Silks	2	10R	1/4 w
22	R18,R13,R6	R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal_Value_Silks	3	1M	1/4 w
23	SW4,SW3,SW2	Mom_push_button_PBS-110	3	SW_Push	PBS-110
24	A1	Arduino_Nano_2x_header	1	Arduino_Nano	
25	C1,C2,C3	C_Disc_D6.0mm_W2.5mm_P5.00mm	3	220nF	
26	D3,D7,D9	D_DO-41_SOD81_P10.16mm_Horizontal	3	1N5817	
27	D10,D11,D12,D13,D14,D15,D16,D17,D18,D19,D20,D21,D22,D23,D24,D25	D_DO-35_SOD27_P7.62mm_Horizontal	16	1N4148	
28	U5	TO-220-3_Vertical	1	L7805	