

Value	Designator	Quantity	Footprint	LCSC	Notes
100n	C2,C3,C4	3	Capacitor_SMD:C_0805_2012MetricVal	C49678	
22p	C6,C7	2	Capacitor_SMD:C_0805_2012MetricVal	C1804	
MMBT3904	Q1,Q2,Q3,Q4,Q5,Q6,Q7,Q8,Q9,Q10,Q11,Q12,Q13,Q14,Q15,Q16,Q17,Q18,Q19,Q20,Q21,Q22,Q23,Q24,Q25,Q26	26	Package_TO_SOT_SMD:SOT-23Val	MMBT3904	
100k	R1,R2,R15,R17,R19,R21,R23,R25,R27,R29,R31,R33,R35,R37,R39,R41,R43,R45,R47,R49,R51,R53,R55,R57,R59,R61	26	Resistor_SMD:R_0805_2012MetricValue	C17407	
1k	R10,R14	2	Resistor_SMD:R_0805_2012MetricValue	C247009	
30k	R16,R20,R24,R28,R32,R36,R40,R44,R48,R52,R56,R60	12	Resistor_SMD:R_0805_2012MetricValue	C17621	
27k	R3,R4	2	Resistor_SMD:R_0805_2012MetricValue	C17593	
	220 R5,R6	2	Resistor_SMD:R_0805_2012MetricValue	C17557	
10k	R7,R8,R9,R11,R12,R13,R18,R22,R26,R30,R34,R38,R42,R46,R50,R54,R58,R62		Resistor_SMD:R_0805_2012MetricValue	C17414	
MCP4822	U1	1	Package_SO:SOIC-8_3.9x4.9mm_P1.27mm	C16040	
MCP6002-xP	U2	1	Package_SO:SOIC-8_3.9x4.9mm_P1.27mm	C7377	
L78L06_SOT89	U3	1	Package_TO_SOT_SMD:SOT-89-3	C122845	
1N5817	D1	1	Diode_THT:D_DO-41_SOD81_P10.16mm_Horizontal		Reverse connection protection diode, mounted on rear
10u	C1	1	Capacitor_THT:CP_Radial_D5.0mm_P2.50mm		Mounted on rear
3mm LED	D2,D3,D4,D5,D6,D7,D8,D9,D10,D11,D12,D13,D14,D15	14	LED_THT:LED_D3.0mm		
Slide switch	SW1	1	Button_Switch_THT:SW_CuK_JS202011CQN C221663		
100k	Scale1	1	Potentiometer_THT:Potentiometer_GND_Alpha_RD901F-40-00D_Single_Vertical_CircularHoles		
10k	Trim1,Trim2	2	Potentiometer_THT:Potentiometer_Bourns_3296W_Vertical		
Thonkiconn 3.5mm mono jack	Out1,In1,Out2,In2,In3,In4,In5,In6,In7,In8,In9,In10,CH1Out1,In11,In12,CH2Out1	16	kicad_libraries:Thonkiconn		
2x5 pin header	J1	1	Connector_IDC:IDC-Header_2x05_P2.54mm_Vertical		Power connection header, mounted on rear
Arduino_Nano_v3.x	A1	1	Module:Arduino_Nano		Arduino Nano, mounted on rear in pin header sockets
1x15 pin header sockets		2			Pin header sockets for Arduino Nano