

Comment	Designator	Footprint	LCSC	Quantity	Notes
100n	C1,C2,C3,C4,C7,C8,C9,C10,C13,C14,C15,C16,C21,C22	Capacitor_SMD:C_0805_2012Metric	C49678		
47p	C5,C6,C11,C12,C17,C18	Capacitor_SMD:C_0805_2012Metric	C14857		
1N4148WS	D1,D3,D5,D7,D9,D11	Diode_SMD:D_SOD-323_HandSoldering	C2128		
MMBT3906	Q1,Q2,Q3,Q4,Q5,Q6,Q7,Q8,Q9,Q10,Q11,Q12	Package_TO_SOT_SMD:SOT-23	C2143		
22k	R10,R23,R36,R49,R62,R75	Resistor_SMD:R_0805_2012Metric	C17560		
560	R11,R24,R37,R50,R63,R76	Resistor_SMD:R_0805_2012Metric	C28636		
220	R3,R4,R19,R20,R32,R33,R45,R46,R58,R59,R71,R72	Resistor_SMD:R_0805_2012Metric	C17557		
68k	R5,R14,R27,R40,R53,R66	Resistor_SMD:R_0805_2012Metric	C17801		
200k	R7,R16,R29,R42,R55,R68	Resistor_SMD:R_0805_2012Metric	C17539		
100k	R1,R2,R6,R8,R12,R15,R17,R18,R21,R25,R28,R30,R31,R34,R38,R41,R43,R44,R47,R51,R54,R56,R57,R60,R64,R67,R69,R70,R73,R77,R79,R80,R8	Resistor_SMD:R_0805_2012Metric	C17407		
33k	R85	Resistor_SMD:R_0805_2012Metric	C17633		
820k	R88	Resistor_SMD:R_0805_2012Metric	C25644		
270k	R9,R22,R35,R48,R61,R74	Resistor_SMD:R_0805_2012Metric	C17589		
330k	R90	Resistor_SMD:R_0805_2012Metric	C17629		
1k	R13,R26,R39,R52,R65,R78,R91	Resistor_SMD:R_0805_2012Metric	C17513		
10k	R93,R94	Resistor_SMD:R_0805_2012Metric	C17414		
LM13700	U1,U4,U6	Package_SO:SOIC-16_3.9x9.9mm_P1.27mm	C174050		
TL074	U2,U3,U5,U7	Package_SO:SOIC-14_3.9x8.7mm_P1.27mm	C12594		
Thonkiconn 3.5mm Mono Jack	MasterOut1,CVJ1,OutJ1,SigJ1,CVJ2,OutJ2,SigJ2,CVJ3,OutJ3,SigJ3,CVJ4,OutJ4,SigJ4,CVJ5,OutJ5,SigJ5,CVJ6,OutJ6,SigJ6	kidac_libraries:Thonkiconn			19 Thonkiconn 3.5mm mono jacks
100k	MasterVol1,Vol1,Vol2,Vol3,Vol4,Vol5,Vol6	Potentiometer_THT:Potentiometer_GND_Alpha_RD901F-40-00D_Single_Vertical_CircularHoles			7 Alpha Trimpots - short shafts with white mark from Thonk are best
100k	Null1,Reject1,Null2,Reject2,Null3,Reject3,Null4,Reject4,Null5,Reject5,Null6,Reject6	Potentiometer_THT:Potentiometer_Bourns_3296W_Vertical			Precision Trimpots - solder on rear of PCB
1N5817	D13,D14	Diode_THT:D_DO-41_SOD81_P10.16mm_Horizontal			2 Reverse power connection protection diodes, solder on rear of PCB
LED	D2,D6,D10,D15,D4,D8,D12,D16	LED_THT:LED_D3.0mm			8 3mm LED (any colour will work, but suggested colours are - D15: Red, D16: Blue)
10u	C19,C20	Capacitor_THT:CP_Radial_D5.0mm_P2.50mm			2 Power filtering capacitors, solder on rear of PCB
2x5 Pin Header	J1	Connector_PinHeader_2.54mm:PinHeader_2x05_P2.54mm_Vertical_SMD			1 Power