



Comment	Description	Designator	Footprint	LibRef	Quantity
3.9pF	Capacitor	C1, C2	CAPC2012X88N	C0805C399D5GAC7800	2
100nF	Capacitor	C3	CAPC2012X94N	08053C104MAT2A	1
100nF	[NoValue], Capacitor	C4, C6, C13	MyCapacitor 1206 [SMD]	Condo non polarisé, 08053C104MAT2A	3
10uF	Capacitor	C5, C15, C20	C1206	C1206C106K4RACTU	3
1uF	Capacitor	C7	MyCapacitor 1206 [SMD]	C1206C106K4RACTU	1
10uF	Capacitor Polarised	C8	CAPAE530X550N	865230542002	1
220uF	Capacitor Polarised	C9	CAPAE1030X1050N	A785MN826M1JLAS030	1
220nF		C10	MyCapacitor 1206 [SMD]	Condo non polarisé	1
47nF		C11	MyCapacitor 1206 [SMD]	Condo non polarisé	1
47uF	Capacitor Polarised	C12	EBHZT1E561UV	EBH-ZA1K470V	1
1.5nF	Capacitor	C14, C17	MyCapacitor 1206 [SMD]	C0402C152KCRCAUTO	2
22uF	Capacitor Polarised	C16, C21	CAPAE1030X1310N	PCM1J101MCL1GS	2
22pF	Capacitor	C18	C1206	C1206C106K4RACTU	1
33pF	Capacitor	C19	C1206	C1206C106K4RACTU	1
MCP79410-I_SN	Integrated Circuit	IC1	SOIC127P600X175-8N	MCP79410-I_SN	1
MBT3904DW1T1G	Integrated Circuit	IC2	SOT65P210X110-6N	MBT3904DW1T1G	1
MAX98357AETE+	Integrated Circuit	IC3	QFN50P300X300X80-17N	MAX98357AETE+	1
MCP73833T-AML_MF	Integrated Circuit	IC4	SON50P300X300X100-11N-D	MCP73833T-AML_MF	1
ESP32-WROOM-32E-N8	Integrated Circuit	IC5	ESP32WROOM32BN8	ESP32-WROOM-32E-N8	1
CP2105-F01-GMR	Integrated Circuit	IC6	QFN50P400X400X80-25N-D	CP2105-F01-GMR	1
LTC3440EMS#PBF	Integrated Circuit	IC7, IC10	SOP50P490X110-10N	LTC3440EMS#PBF	2
SC16IS740IPW,128	Integrated Circuit	IC8	SOP65P640X110-16N	SC16IS740IPW,128	1
2N7002BK	MOSFET (N-Channel)	K1, Q2, Q3	TL431CDBZR215	2N7002BK	3
FDN340P	MOSFET (P-Channel)	K2, Q1	SOT95P251X12-3N	FDN340P	2
SRP7028CC-100M	Inductor	L1, L2	INDPM7366X300N	SRP7028CC-100M	2
NHD-3.12-25664UCB2	Display	P2	NHD31225664UCB2	NHD-3.12-25664UCB2	1
STPS2L40U	Schottky Diode	Q4, Q5	D10M5436X265N	STPS2L40U	2
10K		r	PVG3A103C01R00	Trimmer	1
10k		R1, R3, R4, R5, R13, R20, R21, R26, R27, R31	Resistor 1206	Resistor 1206 [SMD], Resistor	10
33k		R2, R18, R30	Resistor 1206	Resistor 1206 [SMD]	3
1.8k		R6, R7	Resistor 1206	Resistor 1206 [SMD]	2
1k		R8, R28	Resistor 1206	Resistor 1206 [SMD]	2
1k2		R9	Resistor 1206	Resistor	1
150		R10, R11	Resistor 1206	Resistor 1206 [SMD]	2
100hm 1W		R12	Resistor sandard tr.	Resistor	1
15k		R14, R22	Resistor 1206	Resistor 1206 [SMD]	2
560k		R15	Resistor 1206	Resistor 1206 [SMD]	1
56k		R16, R24	Resistor 1206	Resistor 1206 [SMD]	2
330k		R17	Resistor 1206	Resistor 1206 [SMD]	1
100		R19	Resistor 1206	Resistor 1206 [SMD]	1
680k		R23	Resistor 1206	Resistor 1206 [SMD]	1
220k		R25	Resistor 1206	Resistor 1206 [SMD]	1
18k		R29	Resistor 1206	Resistor 1206 [SMD]	1
10k	Thermistor	RT1	NTCLE203E3103GB0	NTCLE203E3103GB0	1
AHF22	Relayor Contactor	S1	AHF22	AHF22	1
436331045822	Switch	S2	436331045822	436331045822	1
LM386N-1/NOPB	Low Voltage Audio Power Amplifier, 8-pin MDIP, Pb-Free	U2	P0008A	OMP-0057-00052-4	1
USB_C_BREAKOUT		X1	USB_C_BREAKOUT	USB_C_BREAKOUT	1
POWER SWITCH	Connector	X2	B2BX-HAM_LFSN	B2B-XH-AM_LF_SN_	1
Rotary Encoder	Connector	X3	B5BX-HAM_LFSN	B5B-XH-AM_LF_SN_	1
HU2032-LF	Undefined or Miscellaneous	X4	HU2032LF	HU2032-LF	1
LiPo bat	Connector	X5	B2BX-HAM_LFSN	B2B-XH-AM_LF_SN_	1
LED R/G	Connector	X6	Header 4pin 2.54mm	B4B-XH-AM_LF_SN_	1
SPEAKER	Connector	X7	B2BX-HAM_LFSN	B2B-XH-AM_LF_SN_	1
104031-0811	Connector	X8	1040310811	104031-0811	1
32.768kHz	Crystal or Oscillator	Y1	Q13FC1350000212	Q13FC1350000212	1
1.8432Mhz	Crystal or Oscillator	Y2	CC1A1A	CC1V-T1A-1.8432MHZ-10PF-500PPM-TC-QC	1