

Comment	Description	Designator	Footprint	LibRef	Quantity	LCSC Part #
100n	CAP_0805	C1, C4, C14, C15, C1	CAP_0805	CAP_0805	5	
4.7uF 16V	CAPAE_6.6x6.6h5.4	C2	CAPAE-6.6x6.6h5.4	CAPAE_6.6x6.6h5.4	1	
22uF 10V	CAPAE_4.3x4.3h5.4	C3	TC_1411	CAPAE_4.3x4.3h5.4	1	
1000uF	CAP250RP	C5	CAPPR-6.35/8.9	CAP250RP	1	
1uF	CAP_1206	C6	CAP_1206	CAP_1206	1	
100n	CAP_1206	C7	CAP_1206	CAP_1206	1	
1n	CAP_1206	C8	CAP_1206	CAP_1206	1	
470pF	CAP_1206	C9	CAP_1206	CAP_1206	1	
120pF	CAP_1206	C10	CAP_1206	CAP_1206	1	
8.2n	CAP_1206	C11	CAPC2013X94X50LL	CMP-2007-04444-1	1	
0.1		C12	CH0805C	Capacitor	1	
22uF	EEFEC_sizeB	C13	TC_1411	EEFEC_sizeB	1	
10n	CAP_0805	C17, C18	CAP_0805	CAP_0805	2	
SM6T15A	Diode	D1	SMBJ36CATR	SM6T15A	1	
1n4148w	Diode	D2, D3	SOD3716X135N	1n4148w	2	
PEC12	PEC12	ENC1	PEC12	PEC12	1	
OPTICAL ENCODER	OPTICAL ENCODER	ENCODER_MAIN1	644456-4	644456-4	1	
ESP-01 ESP8266	ESP-01 ESP8266	ESP-1	ESP-01 ESP8266	ESP-01 ESP8266	1	
RUEF400	Fuse	F1	RUEF400	RUEF400	1	
MF-MSMF110_16-2	Fuse	F2	FUSC4632X85N	MF-MSMF110_16-2	1	
JX2	JX2	IN1, MOTHERBOARD	JX2	JX2	3	
FPC-45P-0.5mm	Connector	J1	FH12S45S05SH60	FH12S-45S-0.5SH_5	1	
DM3AT-SF-PEJM5	Connector	J2	DM3ATSFPEJM5	DM3AT-SF-PEJM5	1	
PJ-3,5		J3, J4, J5	Audio-PJ392	PJ-3,5	3	
10uH	Inductor	L1	B82464Z4	IND_FERRITE_CORE	1	
3.3uH	IND_1812	L2	IND_1812	IND_1812	1	
MIC_OUT	51022-0200	MIC_OUT1	51022-0200	51022-0200	1	
PTT_OUT	51022-0200	PTT_OUT1	51022-0200	51022-0200	1	
IRFR9024NPBF	IRFR9024NPBF, Tpa	Q1	ONSC-DPAK-3-369C	CMP-1058-00387-1	1	
BSS123	N-Channel Logic Level	Q2	FAIR-SOT23-3_V	CMP-2000-04934-1	1	
4.7k	RES_0805	R1, R8, R9, R10, R11	RES_0805	RES_0805	11	
120k + 100k	RES_0805	R2	RES_0805	RES_0805	1	
30k	RES_0805	R3, R4, R5	RESC2013X60X40NL	CMP-2001-00626-1	3	
ptv09a-4225f-b102	Adjustable Resistor P	R6, R7	PTV09	PTV09	2	
1k	RES_0805	R12, R13, R14, R15	RES_0805	RES_0805	4	
100		R16	CH0805R	Resistor	1	
2k	RES_0805	R17, R18, R19, R20	RES_0805	RES_0805	4	
47k		R25	CH0805R	Resistor	1	
47k		R26	CH0805C	Resistor	1	
0	RES_0805	R27, R28, R29	RES_0805	RES_0805	3	
3.3k	RES_0805	R30, R31, R32	RES_0805	RES_0805	3	
PTS645SK50LFS	PTS645SK50LFS	S1, S2, S3, S4, S5, S	PTS-6S	PTS645SK50LFS	12	[NoParam], test
BNX016-01	BNX016-01	T1	TRANSF_ICORE	TRANSF_ICORE	1	
LCD-RA8875	LCD-RA8875	U1	LCD-RA8875	LCD-RA8875	1	
ST1S10	ST1S10	U2	ST1S10	ST1S10	1	
MCP3008-I/SL	MCP3008-I/SL	U3	MCP3008-I/SL	MCP3008-I/SL	1	
MCP6001UT		U4, U5	SOT23-5	MCP6001UT_1	2	
PTT		X1, X2	CON: PLS-6	6-Connector	2	