

Bill of Materials

Quantity	Description	Reference Label
1	L7805CV	U1
1	ATMega328-PU	U2
1	RC1602A	U3
1	LM4562	U4
1	FST3253	U5
1	SI5351 Module	U6
1	74ACT00	U7
12	10k	R1,R3,R10,R11,R12,R13,R14,R15,R18,R19,R20,R24
4	1k	R2,R17,R21,R25
4	100	R4,R5,R8,R9
2	82k	R6,R7
1	3.3k	R16
1	1k-1/2W	R22
1	470	R23
1	10k Potentiometer	RV1
1	100uF/16V Electrolytic	C1
14	100nF	C2,C3,C6,C7,C8,C10,C12,C13,C14,C19,C20,C27,C33,C34
3	10uF/16V Electrolytic	C4,C5,C9
5	10nF	C11,C21,C24,C25,C26,
2	1nF	C15,C16,
4	470nF	C17,C18,C22,C23
1	33pF	C28
1	1N4007	D1
4	BS170	Q1,Q2,Q3,Q4
1	QRP Labs LPF Module	LPF_M
1	T37_2	L3
1	CLK0 - 2 pin header	J1
1	CLK1 - 2 pin header	J2
1	CLK2 - 2 pin header	J3
1	SMA Connector	J4
1	DC 12V	J5
1	L_Button	SW1
1	R_button	SW2
1	Encoder	SW3
1	Headphone Jack	CON1
1	MIC/PTT Jack	CON2