

LIU

Reference	Quantity	Value	Footprint
C11 C12 C20 C21	4	10u	Capacitor_SMD:CP_Elec_5x5.3
C13 C14 C15 C16 C23 C24	6	0.01	Capacitor_SMD:C_1206_3216Metric_Pad1.42x1.75mm_HandSolder
C2 C22 C25 C26 C3 C55 C56	7	3u3	Capacitor_SMD:CP_Elec_5x5.3
C27 C29	2	0.015	Capacitor_SMD:C_1206_3216Metric_Pad1.42x1.75mm_HandSolder
C28 C30	2	0.22	Capacitor_SMD:C_1206_3216Metric_Pad1.42x1.75mm_HandSolder
C31 C33	2	0.0039	Capacitor_SMD:C_1206_3216Metric_Pad1.42x1.75mm_HandSolder
C32 C34	2	0.068	Capacitor_SMD:C_1206_3216Metric_Pad1.42x1.75mm_HandSolder
C35 C37	2	0.0022	Capacitor_SMD:C_1206_3216Metric_Pad1.42x1.75mm_HandSolder
C36 C38	2	0.047	Capacitor_SMD:C_1206_3216Metric_Pad1.42x1.75mm_HandSolder
C40 C42	2	0.033	Capacitor_SMD:C_1206_3216Metric_Pad1.42x1.75mm_HandSolder
C39 C41 C43 C45	4	0.0015	Capacitor_SMD:C_1206_3216Metric_Pad1.42x1.75mm_HandSolder
C44 C46	2	0.022	Capacitor_SMD:C_1206_3216Metric_Pad1.42x1.75mm_HandSolder
C47 C48	2	22u 25v	Capacitor_SMD:CP_Elec_5x5.3
C1 C49 C51	3	47u	Capacitor_SMD:CP_Elec_6.3x5.2
C17 C18 C50 C52 C53 C54	6	0.001	Capacitor_SMD:C_1206_3216Metric_Pad1.42x1.75mm_HandSolder
C10 C19 C4 C5 C6 C7 C8 C9	8	0.1	Capacitor_SMD:C_1206_3216Metric_Pad1.42x1.75mm_HandSolder
D1 D2	2	LED_ALT	LED_SMD:LED_1206_3216Metric_Pad1.42x1.75mm_HandSolder
H1 H2 H3 H4	4	MountingHole	MountingHole:MountingHole_3.2mm_M3
J1 J2	2	Audio In	Connector_PinHeader_2.54mm:PinHeader_1x02_P2.54mm_Vertical
J3	1	UHF out	Connector_PinHeader_2.54mm:PinHeader_1x02_P2.54mm_Vertical
J4	1	UHF in	Connector_PinHeader_2.54mm:PinHeader_1x02_P2.54mm_Vertical
J5	1	12 Volts Input	Connector_PinHeader_2.54mm:PinHeader_1x02_P2.54mm_Vertical
J6	1	VHF in	Connector_PinHeader_2.54mm:PinHeader_1x02_P2.54mm_Vertical
J7	1	VHF out	Connector_PinHeader_2.54mm:PinHeader_1x02_P2.54mm_Vertical
J8 J9	2	Audio Output	Connector_PinHeader_2.54mm:PinHeader_1x02_P2.54mm_Vertical
JP1 JP2	2	Select In	Connector_PinHeader_2.54mm:PinHeader_1x03_P2.54mm_Vertical
JP3 JP4	2	Select Out	Connector_PinHeader_2.54mm:PinHeader_1x03_P2.54mm_Vertical
Q1 Q2	2	2N7002	Package_TO_SOT_SMD:SOT-23_Handsoldering
R1 R10 R2 R9	4	100k	Resistor_SMD:R_1206_3216Metric_Pad1.42x1.75mm_HandSolder
R11 R12	2	1k	Resistor_SMD:R_1206_3216Metric_Pad1.42x1.75mm_HandSolder
R16 R17	2	4k7	Resistor_SMD:R_1206_3216Metric_Pad1.42x1.75mm_HandSolder
R13 R14 R19 R20 R7 R8	6	10k	Resistor_SMD:R_1206_3216Metric_Pad1.42x1.75mm_HandSolder
R15 R18 R3 R4	4	2k2	Resistor_SMD:R_1206_3216Metric_Pad1.42x1.75mm_HandSolder
R5 R6	2	180	Resistor_SMD:R_1206_3216Metric_Pad1.42x1.75mm_HandSolder
RV1 RV2 RV3 RV4	4	10k	Potentiometer_THT:Potentiometer_Bourns_3386P_Vertical
RV10 RV11 RV12 RV13 RV14 RV5 RV6 RV7 RV8 RV9	10	100k	Potentiometer_THT:Potentiometer_Bourns_3386P_Vertical
U1 U2	2	PT2399	Package_DIP:DIP-16_W7.62mm_LongPads
U3	1	L7805	Package_TO_SOT_THT:TO-220-3_Horizontal_TabDown
U4 U5	2	M5226P	Package_DIP:DIP-16_W7.62mm_LongPads