

POCKET TUNER V1 PART LIST

Part Value	PARTS Designator	Part Description	Part Supplier Links
10nF	C1,C2,C3	Capacitor_THT:C_Disc_D3.0mm_W1.6mm_P2.50mm - X7R MLCC	Any supplier
47pF	C4,C10	Capacitor_THT:C_Disc_D3.0mm_W1.6mm_P2.50mm - NPO 100V MLCC	Any supplier
10pF	C5,C11	Capacitor_THT:C_Disc_D3.0mm_W1.6mm_P2.50mm - NPO 100V MLCC	Any supplier
22pF	C8,C14	Capacitor_THT:C_Disc_D3.0mm_W1.6mm_P2.50mm - NPO 100V MLCC	Any supplier
100pF	C6,C7,C9,C12,C13,C15	Capacitor_THT:C_Disc_D3.0mm_W1.6mm_P2.50mm - NPO 100V MLCC	Any supplier
LED_R	D3	LED_THT:RED LED_D3.0mm	Any supplier
1N4148	D1,D2,D4	Diode_THT:D_A-405_P2.54mm_Vertical_KathodeUp	Any supplier
LED_G	D5	LED_THT:GREEN LED_D3.0mm	Any supplier
RF IN - SMA RF INPUT CONNECTOR	J1	SMA FEMALE PCB EDGE TYPE CONNECTOR	Any supplier
ANTENNA - SMA ANTENNA CONNECTOR	J2	SMA FEMALE PCB EDGE TYPE CONNECTOR	Any supplier
1uH	L1,L2,L3,L4	INDUCTOR_THT:R_Axial_DIN0204_L3.6mm_D1.6mm_P1.90mm_Vertical - 1uH INDUCTOR	Any supplier - i.e: https://www.digikey.com/en/products/detail/bourns-inc/78F1R0K-TR-RC/3779481
2N3906	Q1	TO-92-3 TRANSISTOR	Any supplier
2N3904	Q2	TO-92-3 TRANSISTOR	Any supplier
1.5M	R3	Resistor_THT:R_Axial_DIN0204_L3.6mm_D1.6mm_P1.90mm_Vertical -1/4 W	Any supplier
51R -2W	R1,R2,R4	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P2.54mm_Vertical - 2W	Any supplier
1k	R5	Resistor_THT:R_Axial_DIN0204_L3.6mm_D1.6mm_P1.90mm_Vertical - 1/4W	Any supplier
150k	R6	Resistor_THT:R_Axial_DIN0204_L3.6mm_D1.6mm_P1.90mm_Vertical - 1/4W	Any supplier
TUNE/OPERATE SELECTION SWITCH	S1	E- SWITCH EG2208 DPDT SLIDE SWITCH	https://www.digikey.com/en/products/detail/e-switch/EG2208/301963
LOAD_C - 200pF Additional Capacitance Switch	S2	E- SWITCH EG2208 DPDT SLIDE SWITCH	https://www.digikey.com/en/products/detail/e-switch/EG2208/301963
ANT_C - 200pF Additional Capacitance Switch	S5	E- SWITCH EG2208 DPDT SLIDE SWITCH	https://www.digikey.com/en/products/detail/e-switch/EG2208/301963
LOAD Capacitance SWITCH	U1	SD_1110: HEXADECIMAL INCREMENT ROTARY SWITCH	https://www.digikey.com/en/products/detail/nidec-components-corporation/SD-1110/948376
ANTENNA Capacitance Switch	U2	SD_1110: HEXADECIMAL INCREMENT ROTARY SWITCH	https://www.digikey.com/en/products/detail/nidec-components-corporation/SD-1110/948376
INDUCTANCE Selection SWITCH	U3	E- SWITCH EG2315 DP3T SLIDE SWITCH	https://www.digikey.com/en/products/detail/e-switch/EG2315/101778