

# PARTS LIST

Ref. No	Parts No.	Description of item	Size (LxW)(mm)	Qty	Specification
C2000-C2010		SMT CAPACITOR	0603	11	103±10% 50V
C2011-C2013		SMT CAPACITOR	0805	3	105 +80% -20% 16V
C2014-C2029		SMT CAPACITOR	0603	16	104±10% 50V
C2030-C2032		SMT CAPACITOR	0603	3	471±10% 50V
C2033		SMT CAPACITOR	0603	1	273±10% 50V
C2034-C2035		SMT CAPACITOR	0603	2	22P±5% 50V
C2036-C2045		SMT CAPACITOR	0603	10	102±10% 50V
C2046-C2048		SMT CAPACITOR	0603	3	473±10% 50V
C2049-C2052		SMT CAPACITOR	0603	4	273±5% 50V
C2053-C2054		SMT CAPACITOR	0603	2	223±5% 50V
C2055-C2056		SMT CAPACITOR	0603	2	474±10% 50V
C2057-C2059		SMT CAPACITOR	0603	3	221±5% 50V
C2060		SMT CAPACITOR	0603	1	101±5% 50V
C2061-C2062		SMT CAPACITOR	0603	2	473±5% 50V
C2063		SMT CAPACITOR	0603	1	10P±5% 50V
C2064		SMT CAPACITOR	0603	1	NOUSE
C2065		SMT CAPACITOR	0603	1	392±10% 50V
C2066-C2068		SMT CAPACITOR	0603	3	333±5% 50V
C2069-C2072		SMT CAPACITOR	0603	4	103±5% 50V
C2073		SMT CAPACITOR	0603	1	183±10% 50V
C2074		SMT CAPACITOR	0603	1	682±5% 50V
C2075		SMT CAPACITOR	0603	1	224±10% 50V
C2076-C2077		SMT CAPACITOR	0603	2	472±10% 50V
C2078-C2079		SMT CAPACITOR	0603	2	332±10% 50V
C2080-C2081		SMT CAPACITOR	0603	2	681±10% 50V
C2082		SMT CAPACITOR	0603	1	152±10% 50V
C2083		SMT CAPACITOR	0603	1	393±10% 50V
C2084		SMT CAPACITOR	0603	1	272±5% 50V

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C2085		SMT CAPACITOR	0603	1	391±10% 50V
C3000-C3023		SMT CAPACITOR	0603	24	103±10% 50V
C3024-C3025		SMT CAPACITOR	0805	2	105 +80% -20% 16V
C3026-C3035		SMT CAPACITOR	0603	10	104±10% 50V
C3036		SMT CAPACITOR	0603	1	471±10% 50V
C3037		SMT CAPACITOR	0603	1	NOUSE
C3038-C3046		SMT CAPACITOR	0603	9	471±10% 50V
C3047		SMT CAPACITOR	0603	1	NOUSE
C3048		SMT CAPACITOR	0603	1	8P±0.25P 50V
C3049		SMT CAPACITOR	0603	1	22P±5% 50V
C3050-C3070		SMT CAPACITOR	0603	21	102±10% 50V
C3071-C3072		SMT CAPACITOR	0603	2	221±10% 50V
C3073-C3080		SMT CAPACITOR	0603	8	101±5% 50V
C3081		SMT CAPACITOR	0603	1	471±10% 50V
C3082-C3086		SMT CAPACITOR	0603	5	10P±5% 50V
C3087-C3092		SMT CAPACITOR	0603	6	NOUSE
C3093		SMT CAPACITOR	0603	1	8P±0.25P 50V
C3094-C3097		SMT CAPACITOR	0603	4	NOUSE
C3098		SMT CAPACITOR	0603	1	224±10% 50V
C3099-C3100		SMT CAPACITOR	0603	2	1P±0.1P 50V
C3101		SMT CAPACITOR	0603	1	4P±0.25P 50V
C3102-C3103		SMT CAPACITOR	0603	2	1P±0.1P 50V
C3104-C3105		SMT CAPACITOR	0603	2	4P±0.25P 50V
C3106		SMT CAPACITOR	0603	1	NOUSE
C3107		SMT CAPACITOR	0603	1	2.5P±0.25P 50V
C3108		SMT CAPACITOR	0603	1	NOUSE
C3109-C3113		SMT CAPACITOR	0603	5	8P±0.25P 50V
C3114		SMT CAPACITOR	0805	1	33P±5% 50V

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C3115		SMT CAPACITOR	0603	1	33P±5% 50V
C3116-C3121		SMT CAPACITOR	0603	6	5P±0.25P 50V
C3122		SMT CAPACITOR	0805	1	20P±5% 50V
C3123		SMT AIR-CORE COIL	0603	1	0.31×1.3×5T
C3124-C3126		SMT CAPACITOR	0603	3	0.5P±0.1P 50V
C3127-C3129		SMT CAPACITOR	0603	3	2P±0.25P 50V
C3130-C3131		SMT CAPACITOR	0603	2	1.5P±0.1P 50V
C3132		SMT CAPACITOR	0603	1	47P±5% 50V
C3133		SMT CAPACITOR	0603	1	68P±5% 50V
C3134		SMT CAPACITOR	0603	1	82P±5% 50V
C3135		SMT CAPACITOR	0603	1	13P±5% 50V
C3136-C3137		SMT CAPACITOR	0603	2	6P±0.25P 50V
C3138		SMT CAPACITOR	0603	1	3P±0.25P 50V
C3139-C3140		SMT CAPACITOR	0603	2	18P±5% 50V
E2000-E2001		SMT TANTALUM CAPACITOR	1206	2	10uF±20% 10V
E2002		SMT TANTALUM CAPACITOR	B type	1	22uF±20% 6.3V
E2003		ELECTRO	5*8	1	100uF10V
E2004		SMT TANTALUM CAPACITOR	C type	1	100uF10V
E2005-E2008		SMT TANTALUM CAPACITOR	1206	4	10uF±20% 6.3V
E2009		ELECTRO	5*8	1	NOUSE
E2010-C2011		SMT TANTALUM CAPACITOR	1206	2	4.7uF±20% 6.3V
E2012		SMT TANTALUM CAPACITOR	1206	1	2.2uF±20% 6.3V
E3000-E3001		SMT TANTALUM CAPACITOR	1206	2	10uF±20% 6.3V
E3002-E3003		SMT TANTALUM CAPACITOR	1206	2	4.7uF±20% 6.3V
E3004		SMT TANTALUM CAPACITOR	1206	1	2.2uF±20% 6.3V
E3005-3006		SMT TANTALUM CAPACITOR	1206	2	0.1uF±20% 35V
R2000-R2005		SMT RESISTOR	0603	6	5.6K±5%
R2006-R2009		SMT RESISTOR	0603	4	470K±5%

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R2010-R2012		SMT RESISTOR	0603	3	470R±5%
R2013-R2024		SMT RESISTOR	0603	12	10K±5%
R2025-R2028		SMT RESISTOR	0603	4	220K±5%
R2029-R2040		SMT RESISTOR	0603	12	100K±5%
R2041-R2042		SMT RESISTOR	0603	2	56K±5%
R2043-R2045		SMT RESISTOR	0603	3	1K±5%
R2046-R2047		SMT RESISTOR	0603	2	2.2K±5%
R2048-R2053		SMT RESISTOR	0603	6	4.7K±5%
R2054-R2055		SMT RESISTOR	0603	2	150K±1%
R2056		SMT RESISTOR	0603	1	1.2K±5%
R2057-R2058		SMT RESISTOR	0603	2	100R±5%
R2059-R2060		SMT RESISTOR	0603	2	1.8K±5%
R2061-R2062		SMT RESISTOR	0603	2	560R±5%
R2063-R2065		SMT RESISTOR	0603	3	18K±5%
R2066		SMT RESISTOR	0603	1	750K±5%
R2067-R2068		SMT RESISTOR	0603	2	15K±5%
R2069-R2070		SMT RESISTOR	0603	2	0R±5%
R2071		SMT RESISTOR	0603	1	220R±5%
R2072		SMT RESISTOR	0603	1	10R±5%
R2073-R2077		SMT RESISTOR	0603	5	33K±5%
R2078-R2081		SMT RESISTOR	0603	4	3.3K±5%
R2082		SMT RESISTOR	0603	1	6.8K±5%
R2083-R2084		SMT RESISTOR	0603	2	1.8M±5%
R2085		SMT RESISTOR	0603	1	51K±5%
R2086		SMT RESISTOR	0603	1	1.5K±5%
R2087-2090		SMT RESISTOR	0603	4	22K±5%
R2091		SMT RESISTOR	0603	1	68K±5%
R2092-R2093		SMT RESISTOR	0603	2	12K±5%

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R2094-R2095		SMT RESISTOR	0603	2	120K±5%
R2096-R2097		SMT RESISTOR	0603	2	270K±5%
R2098		SMT RESISTOR	0603	1	390K±5%
R2099-R2100		SMT RESISTOR	0603	2	91K±5%
R2101		SMT RESISTOR	0603	1	1M±5%
R3000-R3003		SMT RESISTOR	0603	4	10K±5%
R3004-R3008		SMT RESISTOR	0603	5	220K±5%
R3009-R3012		SMT RESISTOR	0603	4	100K±5%
R3013		SMT RESISTOR	0603	1	56K±5%
R3014-R3019		SMT RESISTOR	0603	6	1K±5%
R3020-R3022		SMT RESISTOR	0603	3	2.2K±5%
R3023-R3024		SMT RESISTOR	0603	2	4.7K±5%
R3025-R3031		SMT RESISTOR	0603	7	150K±1%
R3032		SMT RESISTOR	0603	1	1.2K±5%
R3033-R3039		SMT RESISTOR	0603	7	100R±5%
R3040		SMT RESISTOR	0603	1	1.8K±5%
R3041		SMT RESISTOR	0603	1	560R±5%
R3042		SMT RESISTOR	0603	1	15K±5%
R3043		SMT RESISTOR	0603	1	0R±5%
R3044		SMT RESISTOR	0603	1	10R±5%
R3045		SMT RESISTOR	0603	1	33K±5%
R3046-R3050		SMT RESISTOR	0603	5	3.3K±5%
R3051		SMT RESISTOR	0603	1	6.8K±5%
R3052		SMT RESISTOR	0603	1	1.5K±5%
R3053-R3056		SMT RESISTOR	0603	4	22K±5%
R3057-R3058		SMT RESISTOR	0603	2	68K±5%
R3059-R3060		SMT RESISTOR	0603	2	120K±5%
R3061		SMT RESISTOR	0603	1	NOUSE

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R3062		SMT RESISTOR	0603	1	220K±5%
R3063-R3064		SMT RESISTOR	0603	2	1M±5%
R3065-R3068		SMT RESISTOR	0603	4	47R±5%
R3069-R3073		SMT RESISTOR	0603	5	NOUSE
R3074-R3075		SMT RESISTOR	0603	2	150R±5%
R3076-R3080		SMT RESISTOR	0603	5	47K±5%
R3081		SMT RESISTOR	0603	1	330R±5%
R3082		SMT RESISTOR	0603	1	820R±5%
R3083-R3085		SMT RESISTOR	0603	3	22R±5%
R3086-R3088		SMT RESISTOR	1206	3	0.36R±5%
R3089		SMT RESISTOR	0603	1	30K±5%
R3090		SMT RESISTOR	0603	1	180K±5%
R3091-R3092		SMT RESISTOR	0603	2	2.7K±5%
R3093		SMT RESISTOR	0603	1	3.9K±5%
R3094		SMT RESISTOR	0603	1	180R±5%
R3095		SMT RESISTOR	0603	1	390R±5%
D2000-D2001		SMT DIODE	SC-70	2	1SS372
D2002		SMT LIGHTED DIODE (RED)	0603	1	RED
D2003		SMT LIGHTED DIODE (GREEN)	0603	1	GREEN
D2004		SMT DIODE	0603	1	1N4148
D2005		SMT DIODE	SOT-416	1	DAN222
D3000-D3001		SMT DIODE	0603	2	1N4148
D3002		SMT DIODE	SC-79	1	HVC131
D3003-D3008		SMT DIODE	SC-79	6	HSC277
D3009		SMT VARIABLE CAPACITANCE DIODE	SC-79	1	NOUSE
D3010-D3012		SMT VARIABLE CAPACITANCE DIODE	SC-79	3	HVC350B
D3013		SMT DIODE	SOD-106	1	1SR154-400
D3014		SMT ZENER DIODE	0603	1	5V1

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D3015		SMT VARIABLE CAPACITANCE DIODE	0734	1	MA2S360
D3016-D3017		SMT VARIABLE CAPACITANCE DIODE	0734	2	1SV324
Q2000-Q2003		SMT AUDION(TRANSISTOR)	EMT3	4	2SC4617
Q2004-Q2005		SMT AUDION(DIGITAL TRANSISTOR)	EMT3	2	DTC144EE
Q2006		SMT AUDION(TRANSISTOR)	SC-59	1	2SA1362
Q2007		SMT FET	SOT-89	1	2SK1588
Q2008-Q2009		SMT AUDION(DIGITAL TRANSISTOR)	EMT3	2	DTC114EE
Q2010-Q2011		SMT FET	EMT3	2	2SK1824
Q2012		SMT AUDION(TRANSISTOR)	SC-70	1	2SC4181
Q3000		SMT AUDION(DIGITAL TRANSISTOR)	EMT3	1	DTC144EE
Q3001		SMT AUDION(DIGITAL TRANSISTOR)	EMT3	1	DTC114EE
Q3002		SMT FET	PLD	1	2SK3476
Q3003		SMT AUDION(TRANSISTOR)	SOT-23	1	2SB624
Q3004-Q3005		SMT AUDION(DIGITAL TRANSISTOR)	EMT3	2	DTA114YE
Q3006-Q3007		SMT FET	SOT-143	2	CF739(MTS)
Q3008-Q3009		SMT AUDION(DIGITAL TRANSISTOR)	EMT3	2	DTA114EE
Q3010		SMT AUDION(TRANSISTOR)	SC-70	1	2SC4215
Q3011		SMT AUDION(TRANSISTOR)	SC-62	1	2SK3078A
Q3012		SMT AUDION(DIGITAL TRANSISTOR)	EMT3	1	DTA144EE
Q3013-Q3015		SMT AUDION(TRANSISTOR)	SC-70	3	2SC4226
Q3016		SMT AUDION(TRANSISTOR)	SOT-23	1	2SC1623
Q3017		SMT FET	SOT-23	1	2SK508(K52)
Q3018-Q3019		SMT FET	EMT3	2	2SK1824
U2000		SMT IC	SOT-89	1	XP62FP5002PR(5A)
U2001		SMT IC	MUSIC10	1	MUSIC-CH
U2002		SMT IC	SOT-23	1	S7133SF
U2003		SMT IC	SOP8	1	AT24C08RM(8)
U2004		SMT IC	SSOP8	1	NJM2100

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U2005		SMT IC	QFP-44	1	EM78P888
U2006		SMT IC	SSOP10-P	1	TA7368F
U2007-U2008		SMT IC	SSOP14	2	NJM2902V
U3000		SMT IC	SSOP8	1	NJM2904V
U3001		SMT IC	SSOP16	1	TA31136F
U3002		SMT IC	SSOP20	1	LMX2332ATM
L2000		SMT SMALL FIXED INDUCTOR (WHITE)	0603	1	100NH
L2001-L2002		SMT FERRITE BEAD	0603	2	271T
L2003		SMT FERRITE BEAD	0805	1	30T
L3000		SMT WIRE WOUND INDUCTOR	0805	1	220NH
L3001-L3002		SMT FERRITE BEAD	0603	2	271T
L3003-L3005		SMT FERRITE BEAD	0805	3	30T
L3006		SMT SMALL FIXED INDUCTOR (BLACK)		1	1uH
L3007		SMT SMALL FIXED INDUCTOR (GREEN)	0603	1	3.3NH
L3008-L3010		SMT AIR-CORE COIL		3	0.35×1.6×3T
L3011		SMT AIR-CORE COIL		1	0.35×1.6×8T
L3012-L3013		SMT AIR-CORE COIL		2	0.35×1.6×4T
L3014-L3015		SMT AIR-CORE COIL		2	NOUSE
L3016-L3018		SMT AIR-CORE COIL		3	0.31×1.3×4T
L3019-L3022		SMT SMALL FIXED INDUCTOR (WHITE)	0603	4	18NH
L3023		SMT SMALL FIXED INDUCTOR (WHITE)	0603	1	100NH
L3024		SMT RESISTOR	0805	1	0R±5%
L3025		SMT SMALL FIXED INDUCTOR		1	2.2uH
L3026		SMT SMALL FIXED INDUCTOR (WHITE)	0603	1	22NH
L3027-L3028		SMT SMALL FIXED INDUCTOR (WHITE)	0603	2	220NH
L3029		SMT WIRE WOUND INDUCTOR	0805	1	27NH
L3030-L3032		SMT SMALL FIXED INDUCTOR(BLACK)	0603	3	6.8uH
L3033		SMT WIRE WOUND INDUCTOR	0603	1	6.8uH



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Ref. No	Parts No.	Description of item	Size (LxW)(mm)	Qty	Specification
F3000		FUSE	1060	1	NOUSE
CF3000		CERAMIC FILTER		1	CFW450F
T3000		TUNING COIL		1	450K(C24)
J2000		MIC SOCKET 3.5mm		1	SK-3.5STEREO
J2001		SPEAKER SOCKET 2.5mm		1	SK-2.5STEREO
J2002		FLAT CABLE CONNECTOR		1	CON10
LS2000		SPEAKER		1	SP-36(4R/1W)
MK2000		MICROPHONE		1	±56dB
RP2000		SMT RESISTOR ARRAY	4D03	1	47K×4
RP3000		SMT RESISTOR ARRAY	4D03	1	1K×4
VR2000		SMT VARIOUS RESISTOR	VER2×3	1	47K
VR2001		SMT VARIOUS RESISTOR	VER2×3	1	47K
VR3000		SMT VARIOUS RESISTOR	VER2×3	1	47K
S2000		FP1 BUTTON		1	UP
S2001		FP2 BUTTON		1	DN
S2002		TRANSMITTING BUTTON		1	PTT
S2003		CHANNEL SWITCH		1	BAND
W2000		VOLUME SWITCH		1	10K
X3000		SMT TEMPERATURE COMPENSATE CRYSTOR		1	14.4MHz
XF3000		SMT CRYSTAL FILTER		1	21.7MHz
XF3001		SMT CRYSTAL FILTER		1	21.7MHz
Y2000		SMT CRYSTAL RESONATOR		1	32.768KHz
Y3000		CRYSTAL		1	21.25MHz