

Ref.No	Items	Description	Q'ty
	Main PCB_X1 version	BS446_X1	1
	Sub PCB 1	for Function botton	1
	Sub PCB 3	for Light LEDs	1
	Sub PCB 2	for Power/Volume/Tone control switch	1
Q203	BFQ67W	Transistor Chip	1
Q204	BFQ67W	Transistor Chip	1
Q205	BFQ67W	Transistor Chip	1
C201	0.5P	Chip cap 0402 NP0	1
C2	1.5P	Chip cap 0402 NP0	1
C109	100P	Chip cap 0402 NP0	1
C11	100P	Chip cap 0402 NP0	1
C110	100P	Chip cap 0402 NP0	1
C111	100P	Chip cap 0402 NP0	1
C112	100P	Chip cap 0402 NP0	1
C114	100P	Chip cap 0402 NP0	1
C116	100P	Chip cap 0402 NP0	1
C117	100P	Chip cap 0402 NP0	1
C12	100P	Chip cap 0402 NP0	1
C121	100P	Chip cap 0402 NP0	1
C123	100P	Chip cap 0402 NP0	1
C124	100P	Chip cap 0402 NP0	1
C128	100P	Chip cap 0402 NP0	1
C130	100P	Chip cap 0402 NP0	1
C132	100P	Chip cap 0402 NP0	1
C134	100P	Chip cap 0402 NP0	1
C137	100P	Chip cap 0402 NP0	1
C138	100P	Chip cap 0402 NP0	1
C140	100P	Chip cap 0402 NP0	1
C141	100P	Chip cap 0402 NP0	1
C144	100P	Chip cap 0402 NP0	1
C149	100P	Chip cap 0402 NP0	1

C156	100P	Chip cap 0402 NP0	1
C157	100P	Chip cap 0402 NP0	1
C161	100P	Chip cap 0402 NP0	1
C162	100P	Chip cap 0402 NP0	1
C164	100P	Chip cap 0402 NP0	1
C166	100P	Chip cap 0402 NP0	1
C18	100P	Chip cap 0402 NP0	1
C182	100P	Chip cap 0402 NP0	1
C213	100P	Chip cap 0402 NP0	1
C216	100P	Chip cap 0402 NP0	1
C217	100P	Chip cap 0402 NP0	1
C221	100P	Chip cap 0402 NP0	1
C222	100P	Chip cap 0402 NP0	1
C223	100P	Chip cap 0402 NP0	1
C227	100P	Chip cap 0402 NP0	1
C231	100P	Chip cap 0402 NP0	1
C232	100P	Chip cap 0402 NP0	1
C234	100P	Chip cap 0402 NP0	1
C237	100P	Chip cap 0402 NP0	1
C241	100P	Chip cap 0402 NP0	1
C243	100P	Chip cap 0402 NP0	1
C247	100P	Chip cap 0402 NP0	1
C250	100P	Chip cap 0402 NP0	1
C252	100P	Chip cap 0402 NP0	1
C254	100P	Chip cap 0402 NP0	1
C255	100P	Chip cap 0402 NP0	1
C26	100P	Chip cap 0402 NP0	1
C29	100P	Chip cap 0402 NP0	1
C30	100P	Chip cap 0402 NP0	1
C33	100P	Chip cap 0402 NP0	1
C40	100P	Chip cap 0402 NP0	1
C401	100P	Chip cap 0402 NP0	1
C402	100P	Chip cap 0402 NP0	1

C403	100P	Chip cap 0402 NP0	1
C405	100P	Chip cap 0402 NP0	1
C407	100P	Chip cap 0402 NP0	1
C408	100P	Chip cap 0402 NP0	1
C41	100P	Chip cap 0402 NP0	1
C42	100P	Chip cap 0402 NP0	1
C422	100P	Chip cap 0402 NP0	1
C43	100P	Chip cap 0402 NP0	1
C44	100P	Chip cap 0402 NP0	1
C442	100P	Chip cap 0402 NP0	1
C448	100P	Chip cap 0402 NP0	1
C465	100P	Chip cap 0402 NP0	1
C472	100P	Chip cap 0402 NP0	1
C5	100P	Chip cap 0402 NP0	1
C51	100P	Chip cap 0402 NP0	1
C52	100P	Chip cap 0402 NP0	1
C6	100P	Chip cap 0402 NP0	1
C612	100P	Chip cap 0402 NP0	1
C7	100P	Chip cap 0402 NP0	1
C708	100P	Chip cap 0402 NP0	1
C709	100P	Chip cap 0402 NP0	1
C711	100P	Chip cap 0402 NP0	1
C712	100P	Chip cap 0402 NP0	1
C713	100P	Chip cap 0402 NP0	1
C714	100P	Chip cap 0402 NP0	1
C715	100P	Chip cap 0402 NP0	1
C717	100P	Chip cap 0402 NP0	1
C76	100P	Chip cap 0402 NP0	1
C8	100P	Chip cap 0402 NP0	1
C9	100P	Chip cap 0402 NP0	1
C99	100P	Chip cap 0402 NP0	1
C413	10P	Chip cap 0402 NP0	1
C461	120P	Chip cap 0402 NP0	1

C153	12P	Chip cap 0402 NP0	1
C457	150P	Chip cap 0402 NP0	1
C1	15P	Chip cap 0402 NP0	1
C214	15P	Chip cap 0402 NP0	1
C624	180P	Chip cap 0402 NP0	1
C72	18P	Chip cap 0402 NP0	1
C14	1P	Chip cap 0402 NP0	1
C220	1P	Chip cap 0402 NP0	1
C414	1P	Chip cap 0402 NP0	1
C152	220P	Chip cap 0402 NP0	1
C629	220P	Chip cap 0402 NP0	1
C125	22P	Chip cap 0402 NP0	1
C133	22P	Chip cap 0402 NP0	1
C15	22P	Chip cap 0402 NP0	1
C16	22P	Chip cap 0402 NP0	1
C39	22P	Chip cap 0402 NP0	1
C700A	22P	Chip cap 0402 NP0	1
C700B	22P	Chip cap 0402 NP0	1
C17	2P	Chip cap 0402 NP0	1
C622A	2P	Chip cap 0402 NP0	1
C120	33P	Chip cap 0402 NP0	1
C126	33P	Chip cap 0402 NP0	1
C19	33P	Chip cap 0402 NP0	1
C24	33P	Chip cap 0402 NP0	1
C705	33P	Chip cap 0402 NP0	1
C706	33P	Chip cap 0402 NP0	1
C719	39P	Chip cap 0402 NP0	1
C151	3P	Chip cap 0402 NP0	1
C245	3P	Chip cap 0402 NP0	1
C228	47P	Chip cap 0402 NP0	1
C625	47P	Chip cap 0402 NP0	1
C622	4P	Chip cap 0402 NP0	1
C74	4P	Chip cap 0402 NP0	1

C135	5P	Chip cap 0402 NP0	1
C159	5P	Chip cap 0402 NP0	1
C207	5P	Chip cap 0402 NP0	1
C215	5P	Chip cap 0402 NP0	1
C219	5P	Chip cap 0402 NP0	1
C224	5P	Chip cap 0402 NP0	1
C410	5P	Chip cap 0402 NP0	1
C718	68P	Chip cap 0402 NP0	1
C160	6P	Chip cap 0402 NP0	1
C415	6P	Chip cap 0402 NP0	1
C432	6P	Chip cap 0402 NP0	1
C38	7P	Chip cap 0402 NP0	1
C604	7P	Chip cap 0402 NP0	1
C246	82P	Chip cap 0402 NP0	1
C253	82P	Chip cap 0402 NP0	1
C154	8P	Chip cap 0402 NP0	1
C22	8P	Chip cap 0402 NP0	1
C148	9P	Chip cap 0402 NP0	1
C165	0,001	Chip cap 0402 X7R +/-10%	1
C187	0,001	Chip cap 0402 X7R +/-10%	1
C20	0,001	Chip cap 0402 X7R +/-10%	1
C225	0,001	Chip cap 0402 X7R +/-10%	1
C249	0,001	Chip cap 0402 X7R +/-10%	1
C31	0,001	Chip cap 0402 X7R +/-10%	1
C36	0,001	Chip cap 0402 X7R +/-10%	1
C408A	0,001	Chip cap 0402 X7R +/-10%	1
C411	0,001	Chip cap 0402 X7R +/-10%	1
C412	0,001	Chip cap 0402 X7R +/-10%	1
C417	0,001	Chip cap 0402 X7R +/-10%	1
C479	0,001	Chip cap 0402 X7R +/-10%	1
C48	0,001	Chip cap 0402 X7R +/-10%	1
C62	0,001	Chip cap 0402 X7R +/-10%	1
C71	0,001	Chip cap 0402 X7R +/-10%	1

C720	0,001	Chip cap 0402 X7R +/-10%	1
C75	0,001	Chip cap 0402 X7R +/-10%	1
C441	0,0012	Chip cap 0402 X7R +/-10%	1
C447	0,0012	Chip cap 0402 X7R +/-10%	1
C628	0,0015	Chip cap 0402 X7R +/-10%	1
C229	0,0018	Chip cap 0402 X7R +/-10%	1
C427	0,0022	Chip cap 0402 X7R +/-10%	1
C439	0,0022	Chip cap 0402 X7R +/-10%	1
C440	0,0022	Chip cap 0402 X7R +/-10%	1
C445	0,0022	Chip cap 0402 X7R +/-10%	1
C446	0,0022	Chip cap 0402 X7R +/-10%	1
C434	0,0033	Chip cap 0402 X7R +/-10%	1
C631	0,0047	Chip cap 0402 X7R +/-10%	1
C77	0,0047	Chip cap 0402 X7R +/-10%	1
C78	0,0047	Chip cap 0402 X7R +/-10%	1
C129	0,01	Chip cap 0402 X7R +/-10%	1
C131	0,01	Chip cap 0402 X7R +/-10%	1
C181	0,01	Chip cap 0402 X7R +/-10%	1
C212	0,01	Chip cap 0402 X7R +/-10%	1
C244	0,01	Chip cap 0402 X7R +/-10%	1
C25	0,01	Chip cap 0402 X7R +/-10%	1
C416	0,01	Chip cap 0402 X7R +/-10%	1
C420	0,01	Chip cap 0402 X7R +/-10%	1
C421	0,01	Chip cap 0402 X7R +/-10%	1
C45	0,01	Chip cap 0402 X7R +/-10%	1
C50	0,01	Chip cap 0402 X7R +/-10%	1
C610	0,01	Chip cap 0402 X7R +/-10%	1
C66	0,01	Chip cap 0402 X7R +/-10%	1
C458	0,015	Chip cap 0402 X7R +/-10%	1
C460	0,015	Chip cap 0402 X7R +/-10%	1
C65	0,022	Chip cap 0402 X7R +/-10%	1
C79	0,022	Chip cap 0402 X7R +/-10%	1
C47	0,047	Chip cap 0402 X7R +/-10%	1

C230	0.01(X7R)	Chip cap 0402 X7R +/-10%	1
C106	0.015(X7R)	Chip cap 0402 X7R +/-10%	1
C209	0.022(X7R)	Chip cap 0402 X7R +/-10%	1
C470	0.022(X7R)	Chip cap 0402 X7R +/-10%	1
C438	0.039(X7R)	Chip cap 0402 X7R +/-10%	1
C98	0.039(X7R)	Chip cap 0402 X7R +/-10%	1
C233	0.047(X7R)	Chip cap 0402 X7R +/-10%	1
C236	0.047(X7R)	Chip cap 0402 X7R +/-10%	1
C431	0.047(X7R)	Chip cap 0402 X7R +/-10%	1
C433	0.047(X7R)	Chip cap 0402 X7R +/-10%	1
C443	0.047(X7R)	Chip cap 0402 X7R +/-10%	1
C616	0.1 (X7R)	Chip cap 0402 X7R +/-10%	1
C142	0.1(X7R 02)	Chip cap 0402 X7R +/-10%	1
C34	0.1(X7R 02)	Chip cap 0402 X7R +/-10%	1
C452	0.1(X7R 02)	Chip cap 0402 X7R +/-10%	1
C235	330P	Chip cap 0402 X7R +/-10%	1
C435	390P	Chip cap 0402 X7R +/-10%	1
C150	470P(X7R)	Chip cap 0402 X7R +/-10%	1
C158	470P(X7R)	Chip cap 0402 X7R +/-10%	1
C208	470P(X7R)	Chip cap 0402 X7R +/-10%	1
C406	470P(X7R)	Chip cap 0402 X7R +/-10%	1
C429	470P(X7R)	Chip cap 0402 X7R +/-10%	1
C430	470P(X7R)	Chip cap 0402 X7R +/-10%	1
C118	0,1	Chip cap 0402 Y5V	1
C242	0,1	Chip cap 0402 Y5V	1
C248	0,1	Chip cap 0402 Y5V	1
C456	0,1	Chip cap 0402 Y5V	1
C474	0,1	Chip cap 0402 Y5V	1
C611	0,1	Chip cap 0402 Y5V	1
C613	0,1	Chip cap 0402 Y5V	1
C617	0,1	Chip cap 0402 Y5V	1
C707	0,1	Chip cap 0402 Y5V	1
C404	0.1Y5V	Chip cap 0402 Y5V	1

C425	0.1Y5V	Chip cap 0402 Y5V	1
C426	0.1Y5V	Chip cap 0402 Y5V	1
C436	0.1Y5V	Chip cap 0402 Y5V	1
C444	0.1Y5V	Chip cap 0402 Y5V	1
C455	0.1Y5V	Chip cap 0402 Y5V	1
C468	0.1Y5V	Chip cap 0402 Y5V	1
C469	0.1Y5V	Chip cap 0402 Y5V	1
C57	0.1Y5V	Chip cap 0402 Y5V	1
C606	0.1Y5V	Chip cap 0402 Y5V	1
C607	0.1Y5V	Chip cap 0402 Y5V	1
C608	0.1Y5V	Chip cap 0402 Y5V	1
C701	0.1Y5V	Chip cap 0402 Y5V	1
C702	0.1Y5V	Chip cap 0402 Y5V	1
C703	0.1Y5V	Chip cap 0402 Y5V	1
C704	0.1Y5V	Chip cap 0402 Y5V	1
C710	0.1Y5V	Chip cap 0402 Y5V	1
C716	0.1Y5V	Chip cap 0402 Y5V	1
C100	100P (03)	Chip cap 0603 NP0	1
C206	100P (03)	Chip cap 0603 NP0	1
C210A	10P(03)	Chip cap 0603 NP0	1
C210	15P(03)	Chip cap 0603 NP0	1
C202	3P(03)	Chip cap 0603 NP0	1
C4	3P(03)	Chip cap 0603 NP0	1
C204	7P(03)	Chip cap 0603 NP0	1
C205	8P(03)	Chip cap 0603 NP0	1
C409	0.056(03)	Chip cap 0603 X7R +/-10%	1
C459	0.056(03)	Chip cap 0603 X7R +/-10%	1
C239	0.056(X7R)	Chip cap 0603 X7R +/-10%	1
C127	0.1(X7R)	Chip cap 0603 X7R +/-10%	1
C145	0.1(X7R)	Chip cap 0603 X7R +/-10%	1
C146	0.1(X7R)	Chip cap 0603 X7R +/-10%	1
C449	0.1(X7R)	Chip cap 0603 X7R +/-10%	1
C467	0.15(X7R)	Chip cap 0603 X7R +/-10%	1

C609	0.22(03)	Chip cap 0603 X7R +/-10%	1
C615	0.47(03)	Chip cap 0603 X7R +/-10%	1
C471	0.47(X7R 03)	Chip cap 0603 X7R +/-10%	1
C226	1UF(X7R,03)	Chip cap 0603 X7R +/-10%	1
C119	1UF	Chip cap 0603 Y5V	1
C155	1UF	Chip cap 0603 Y5V	1
C211	1UF	Chip cap 0603 Y5V	1
C27	1UF	Chip cap 0603 Y5V	1
C28	1UF	Chip cap 0603 Y5V	1
C473	1UF	Chip cap 0603 Y5V	1
C477	1UF	Chip cap 0603 Y5V	1
C55	1UF	Chip cap 0603 Y5V	1
C58	1UF	Chip cap 0603 Y5V	1
C59	1UF	Chip cap 0603 Y5V	1
C614	1UF	Chip cap 0603 Y5V	1
C620	1UF	Chip cap 0603 Y5V	1
C621	1UF	Chip cap 0603 Y5V	1
C67	1UF	Chip cap 0603 Y5V	1
TH2	Thermistor 10K	NSM3103J375J3Z	1
TM100	Thermistor 10K	NSM3103J375J3Z	1
IC702	XC61CN2402MR	IC Detector 2.4v	1
IC104	XC6201P402MR	IC Regulator 4V	1
IC105	XC6203E502PR	IC Regulator 5V	1
IC701	AT93C46-10SU-2.7 8S1 JEDEC SOIC	IC EEPROM SOP-8 package	1
CON3	12505-A CON	8 Pin Female Connector	1
WIRE1	12505-A CABLE	8 pin Male Connector with Wire	1
BAR601	AM_BAR	AM Bar Antenna	1
IC102	GP214D	IC PLL	1
IC103	S324	IC OP	1
IC201	S324	IC OP	1
IC403	S324	IC OP	1
Q207	STJ828EF	MOS-FET	1
Q208	STJ828EF	MOS-FET	1

Q209	STJ828EF	MOS-FET	1
IC601	TEA5757H	Self Tuned Radio	1
IFT604	AM_VCO (V4)	450KHz IFT Coil 5mm	1
IFT601	T1	450KHz IFT Coil 5mm	1
IFT602	T2	450KHz IFT Coil 5mm	1
IFT603	CF450KHz	450KHz IFT Coil 5mm (5pin)	1
L407	CF450KHz	450KHz IFT Coil 5mm (5pin)	1
L207	0.3X0.9X3T(R)	Inductor Air	1
L141	0.3X1.2X4T(R)	Inductor Air	1
L203	0.3X1.4X6T(R)	Inductor Air	1
L204	0.3X1.4X6T(R)	Inductor Air	1
L205	0.4X1.0X2T(R)	Inductor Air	1
L1	0.4X1.5X5T(R)	Inductor Air	1
L201	0.4X1.5X5T(R)	Inductor Air	1
L202	0.4X1.5X5T(R)	Inductor Air	1
L206	0.4X2.0X6T(L)	Inductor Air	1
ZD101	10Vdc 5W Zener Diode	Axial Zener Diode 10V 5W	1
CPU1	TMP86CH21AUG-xxxx	IC master CPU (masked package CPU)	1
CPU2	TMP86CH21AUG-xxxx	IC Slave CPU (masked package CPU)	1
D605	1SV149-B(F)	Vari-cap Diode	1
D607	1SV149-B(F)	Vari-cap Diode	1
LED1	333UWC/M8	Super Bright	1
LED2	333UWC/M8	Super Bright	1
LED3	333UWC/M8	Super Bright	1
LED201	12-21UWC/TR8	White LED	1
LED202	12-21UWC/TR8	White LED	1
LED203	12-21UWC/TR8	White LED	1
LED204	12-21UWC/TR8	White LED	1
IC602	IL358DT	IC OP	1
IC402	IL386DT	IC SPK	1
IC404	IL386DT	IC SPK	1
JACK3	USB-A-01	USB socket (4pin)	1
D1	KDS114E	Diode Chip	1

D102	KDS114E	Diode Chip	1
D141	KDS114E	Diode Chip	1
D201	KDS114E	Diode Chip	1
D204	KDS114E	Diode Chip	1
D4	KDS114E	Diode Chip	1
D402	KDS114E	Diode Chip	1
D406	KDS114E	Diode Chip	1
D203	KDS115 (USM)	Diode Chip	1
D205	KDS115 (USM)	Diode Chip	1
D401	KDS115 (USM)	Diode Chip	1
D10	KDS120	Diode Chip	1
D11	KDS120	Diode Chip	1
D12	KDS120	Diode Chip	1
D13	KDS120	Diode Chip	1
D5	KDS120	Diode Chip	1
D6	KDS120	Diode Chip	1
D7	KDS120	Diode Chip	1
D9	KDS120	Diode Chip	1
D601	KDV147(B)	Diode Chip	1
D603	KDV147(B)	Diode Chip	1
D101	KDV1472(B)	Diode Chip	1
DV1	KDV1472(B)	Diode Chip	1
DV2	KDV1472(B)	Diode Chip	1
D202	KDS114	Diode Chip (USM)	1
D3	KDS114	Diode Chip (USM)	1
D6A	SMAB13	Schottky Barrier Diode	1
Q409	KRA226S	Transistor BRT	1
Q6	KRA226S	Transistor BRT	1
Q601	KRA226S	Transistor BRT	1
Q8	KRA226S	Transistor BRT	1
Q10	KRA305E	Transistor BRT	1
Q2	KRA305E	Transistor BRT	1
Q404	KRA305E	Transistor BRT	1

Q3	KRC246S	Transistor BRT	1
Q9	KRC246S	Transistor BRT	1
Q144	KRA304E	Transistor Chip	1
Q206	KRC404E	Transistor Chip	1
Q408	KRC404E	Transistor Chip	1
Q410	KRC404E	Transistor Chip	1
Q7	KRC404E	Transistor Chip	1
Q701	KRC404E	Transistor Chip	1
Q702	KRC404E	Transistor Chip	1
Q141	KRC405E	Transistor Chip	1
Q202	KRC405E	Transistor Chip	1
Q210	KRC405E	Transistor Chip	1
Q403	KRC405E	Transistor Chip	1
Q407	KRC405E	Transistor Chip	1
Q103	KTA2014E	Transistor Chip	1
DV141	1SV214 (TH2,F,T) DIODE (LEAD FREE)	Varicap Diode	1
C601	100UF/10v (5x7)	Capacitor Elect	1
C163	10UF/16 (3x5)	Capacitor Elect	1
C218	10UF/16 (3x5)	Capacitor Elect	1
C238	10UF/16 (3x5)	Capacitor Elect	1
C423	10UF/16 (3x5)	Capacitor Elect	1
C475	10UF/16 (3x5)	Capacitor Elect	1
C476	10UF/16 (3x5)	Capacitor Elect	1
C54	10UF/16 (3x5)	Capacitor Elect	1
C602	10UF/16 (3x5)	Capacitor Elect	1
C619	10UF/16 (3x5)	Capacitor Elect	1
C632	10UF/16 (3x5)	Capacitor Elect	1
C101	2200uF/16V 10x20	Capacitor Elect	1
C603	4.7/16(3x7)	Capacitor Elect	1
C451	470/16(8x13)	Capacitor Elect	1
C478	470/16(8x13)	Capacitor Elect	1
JACK2	DC-04	DC power Jack (5.5/2.1)	1
JACK1	EXT MIC	EXT MIC JACK DUAL LT2510C	1

RV201	4.7K(B)	Semifixed Resistor 3dia	1
RV202	4.7K(B)	Semifixed Resistor 3dia	1
Q142	2SC4226 (R25)	Transistor Chip	1
Q143	2SC4226 (R25)	Transistor Chip	1
Q4	2SC4226 (R25)	Transistor Chip	1
Q401	2SC4226 (R25)	Transistor Chip	1
Q402	2SC4226 (R25)	Transistor Chip	1
Q201	NE5510279A	Transistor Chip	1
R2A	4.7 1/2W	1/2W Axial metal film Resistor 5%	1
R2	47 1/2W	1/2W Axial metal film Resistor 5%	1
MIC201	PFO-9745-CL130	Condensor Mic (with capacitor and wire)	1
R723	100K (+/-1%)	Resistor Chip 0402 +/-1%	1
R104	10K 1%	Resistor Chip 0402 +/-1%	1
R724	470K (+/-1%)	Resistor Chip 0402 +/-1%	1
R56	0	Resistor Chip 0402 +/-5%	1
R999	0	Resistor Chip 0402 +/-5%	1
R469	1	Resistor Chip 0402 +/-5%	1
R471	1	Resistor Chip 0402 +/-5%	1
R30	2,2	Resistor Chip 0402 +/-5%	1
R48	2,2	Resistor Chip 0402 +/-5%	1
R53	4,7	Resistor Chip 0402 +/-5%	1
R53A	4,7	Resistor Chip 0402 +/-5%	1
R151	10	Resistor Chip 0402 +/-5%	1
R412	10	Resistor Chip 0402 +/-5%	1
R601	10	Resistor Chip 0402 +/-5%	1
R603	10	Resistor Chip 0402 +/-5%	1
R611	10	Resistor Chip 0402 +/-5%	1
R235	33	Resistor Chip 0402 +/-5%	1
R207	47	Resistor Chip 0402 +/-5%	1
R403	47	Resistor Chip 0402 +/-5%	1
R466	47	Resistor Chip 0402 +/-5%	1
R467	47	Resistor Chip 0402 +/-5%	1
R619	47	Resistor Chip 0402 +/-5%	1

R12	100	Resistor Chip 0402 +/-5%	1
R141	100	Resistor Chip 0402 +/-5%	1
R19	100	Resistor Chip 0402 +/-5%	1
R402	100	Resistor Chip 0402 +/-5%	1
R52	100	Resistor Chip 0402 +/-5%	1
R68	100	Resistor Chip 0402 +/-5%	1
R69	100	Resistor Chip 0402 +/-5%	1
R70	100	Resistor Chip 0402 +/-5%	1
R71	100	Resistor Chip 0402 +/-5%	1
R470	150	Resistor Chip 0402 +/-5%	1
R472	150	Resistor Chip 0402 +/-5%	1
R209	180	Resistor Chip 0402 +/-5%	1
R147	220	Resistor Chip 0402 +/-5%	1
R405	220	Resistor Chip 0402 +/-5%	1
R463	220	Resistor Chip 0402 +/-5%	1
R468	220	Resistor Chip 0402 +/-5%	1
R57	220	Resistor Chip 0402 +/-5%	1
R60	220	Resistor Chip 0402 +/-5%	1
R64	220	Resistor Chip 0402 +/-5%	1
R65	220	Resistor Chip 0402 +/-5%	1
R66	220	Resistor Chip 0402 +/-5%	1
R67	220	Resistor Chip 0402 +/-5%	1
R11	330	Resistor Chip 0402 +/-5%	1
R408	330	Resistor Chip 0402 +/-5%	1
R6	330	Resistor Chip 0402 +/-5%	1
R61	330	Resistor Chip 0402 +/-5%	1
R201	560	Resistor Chip 0402 +/-5%	1
R206	680	Resistor Chip 0402 +/-5%	1
R149	1.5K	Resistor Chip 0402 +/-5%	1
R224	1.5K	Resistor Chip 0402 +/-5%	1
R203	1.8K	Resistor Chip 0402 +/-5%	1
R22	1.8M	Resistor Chip 0402 +/-5%	1
R433	1.8M	Resistor Chip 0402 +/-5%	1

R438	1.8M	Resistor Chip 0402 +/-5%	1
R109	100K	Resistor Chip 0402 +/-5%	1
R17	100K	Resistor Chip 0402 +/-5%	1
R18	100K	Resistor Chip 0402 +/-5%	1
R183	100K	Resistor Chip 0402 +/-5%	1
R212	100K	Resistor Chip 0402 +/-5%	1
R216	100K	Resistor Chip 0402 +/-5%	1
R228	100K	Resistor Chip 0402 +/-5%	1
R237	100K	Resistor Chip 0402 +/-5%	1
R238	100K	Resistor Chip 0402 +/-5%	1
R250	100K	Resistor Chip 0402 +/-5%	1
R26	100K	Resistor Chip 0402 +/-5%	1
R34	100K	Resistor Chip 0402 +/-5%	1
R435	100K	Resistor Chip 0402 +/-5%	1
R456	100K	Resistor Chip 0402 +/-5%	1
R457	100K	Resistor Chip 0402 +/-5%	1
R461	100K	Resistor Chip 0402 +/-5%	1
R601A	100K	Resistor Chip 0402 +/-5%	1
R702	100K	Resistor Chip 0402 +/-5%	1
R706	100K	Resistor Chip 0402 +/-5%	1
R707	100K	Resistor Chip 0402 +/-5%	1
R708	100K	Resistor Chip 0402 +/-5%	1
R709	100K	Resistor Chip 0402 +/-5%	1
R710	100K	Resistor Chip 0402 +/-5%	1
R711	100K	Resistor Chip 0402 +/-5%	1
R713	100K	Resistor Chip 0402 +/-5%	1
R714	100K	Resistor Chip 0402 +/-5%	1
R715	100K	Resistor Chip 0402 +/-5%	1
R716	100K	Resistor Chip 0402 +/-5%	1
R720	100K	Resistor Chip 0402 +/-5%	1
R721	100K	Resistor Chip 0402 +/-5%	1
R722	100K	Resistor Chip 0402 +/-5%	1
R728	100K	Resistor Chip 0402 +/-5%	1

R998	100K	Resistor Chip 0402 +/-5%	1
R1	10K	Resistor Chip 0402 +/-5%	1
R119	10K	Resistor Chip 0402 +/-5%	1
R123	10K	Resistor Chip 0402 +/-5%	1
R128	10K	Resistor Chip 0402 +/-5%	1
R182	10K	Resistor Chip 0402 +/-5%	1
R20	10K	Resistor Chip 0402 +/-5%	1
R213	10K	Resistor Chip 0402 +/-5%	1
R221	10K	Resistor Chip 0402 +/-5%	1
R227	10K	Resistor Chip 0402 +/-5%	1
R229	10K	Resistor Chip 0402 +/-5%	1
R240	10K	Resistor Chip 0402 +/-5%	1
R407	10K	Resistor Chip 0402 +/-5%	1
R422	10K	Resistor Chip 0402 +/-5%	1
R423	10K	Resistor Chip 0402 +/-5%	1
R434	10K	Resistor Chip 0402 +/-5%	1
R439	10K	Resistor Chip 0402 +/-5%	1
R440	10K	Resistor Chip 0402 +/-5%	1
R449	10K	Resistor Chip 0402 +/-5%	1
R50	10K	Resistor Chip 0402 +/-5%	1
R51	10K	Resistor Chip 0402 +/-5%	1
R605	10K	Resistor Chip 0402 +/-5%	1
R616	10K	Resistor Chip 0402 +/-5%	1
R717	10K	Resistor Chip 0402 +/-5%	1
R719	10K	Resistor Chip 0402 +/-5%	1
R727	10K	Resistor Chip 0402 +/-5%	1
R8	10K	Resistor Chip 0402 +/-5%	1
R446	10M	Resistor Chip 0402 +/-5%	1
R723A	10M	Resistor Chip 0402 +/-5%	1
R211	120K	Resistor Chip 0402 +/-5%	1
R58	120K	Resistor Chip 0402 +/-5%	1
R29	12K	Resistor Chip 0402 +/-5%	1
R15A	150K	Resistor Chip 0402 +/-5%	1

R144	15K	Resistor Chip 0402 +/-5%	1
R234	180K	Resistor Chip 0402 +/-5%	1
R604	18K	Resistor Chip 0402 +/-5%	1
R718	18K	Resistor Chip 0402 +/-5%	1
R223	1K	Resistor Chip 0402 +/-5%	1
R414	1K	Resistor Chip 0402 +/-5%	1
R425	1K	Resistor Chip 0402 +/-5%	1
R703	1K	Resistor Chip 0402 +/-5%	1
R218	1M	Resistor Chip 0402 +/-5%	1
R25	1M	Resistor Chip 0402 +/-5%	1
R25A	1M	Resistor Chip 0402 +/-5%	1
R417	1M	Resistor Chip 0402 +/-5%	1
R448	1M	Resistor Chip 0402 +/-5%	1
R454	1M	Resistor Chip 0402 +/-5%	1
R701	1M	Resistor Chip 0402 +/-5%	1
R729	1M	Resistor Chip 0402 +/-5%	1
R153	2.2K	Resistor Chip 0402 +/-5%	1
R202	2.2K	Resistor Chip 0402 +/-5%	1
R214	2.2K	Resistor Chip 0402 +/-5%	1
R230	2.2K	Resistor Chip 0402 +/-5%	1
R233	2.2K	Resistor Chip 0402 +/-5%	1
R236	2.2K	Resistor Chip 0402 +/-5%	1
R241	2.2K	Resistor Chip 0402 +/-5%	1
R244	2.2K	Resistor Chip 0402 +/-5%	1
R33	2.2K	Resistor Chip 0402 +/-5%	1
R404	2.2K	Resistor Chip 0402 +/-5%	1
R410	2.2K	Resistor Chip 0402 +/-5%	1
R730	2.2K	Resistor Chip 0402 +/-5%	1
R9	2.2K	Resistor Chip 0402 +/-5%	1
R458	2.2M	Resistor Chip 0402 +/-5%	1
R473	2.2M	Resistor Chip 0402 +/-5%	1
R14	2.7K	Resistor Chip 0402 +/-5%	1
R204	2.7K	Resistor Chip 0402 +/-5%	1

R217	2.7K	Resistor Chip 0402 +/-5%	1
R210	220K	Resistor Chip 0402 +/-5%	1
R239	220K	Resistor Chip 0402 +/-5%	1
R424	220K	Resistor Chip 0402 +/-5%	1
R447	220K	Resistor Chip 0402 +/-5%	1
R452	220K	Resistor Chip 0402 +/-5%	1
R453	220K	Resistor Chip 0402 +/-5%	1
R5	220P	Resistor Chip 0402 +/-5%	1
R101	22K	Resistor Chip 0402 +/-5%	1
R13	22K	Resistor Chip 0402 +/-5%	1
R139	22K	Resistor Chip 0402 +/-5%	1
R23	22K	Resistor Chip 0402 +/-5%	1
R4	22K	Resistor Chip 0402 +/-5%	1
R426	22K	Resistor Chip 0402 +/-5%	1
R442	22K	Resistor Chip 0402 +/-5%	1
R612	22K	Resistor Chip 0402 +/-5%	1
R614	22K	Resistor Chip 0402 +/-5%	1
R705	22K	Resistor Chip 0402 +/-5%	1
R725	22K	Resistor Chip 0402 +/-5%	1
R726	22K	Resistor Chip 0402 +/-5%	1
R21	270K	Resistor Chip 0402 +/-5%	1
R411	27K	Resistor Chip 0402 +/-5%	1
R419	27K	Resistor Chip 0402 +/-5%	1
R420	27K	Resistor Chip 0402 +/-5%	1
R430	27K	Resistor Chip 0402 +/-5%	1
R146	3.3K	Resistor Chip 0402 +/-5%	1
R31	3.3K	Resistor Chip 0402 +/-5%	1
R413	3.3K	Resistor Chip 0402 +/-5%	1
R429	3.3K	Resistor Chip 0402 +/-5%	1
R49	3.3K	Resistor Chip 0402 +/-5%	1
R615	3.3K	Resistor Chip 0402 +/-5%	1
R7	3.3K	Resistor Chip 0402 +/-5%	1
R148	3.9K	Resistor Chip 0402 +/-5%	1

R436	3.9K	Resistor Chip 0402 +/-5%	1
R232	330K	Resistor Chip 0402 +/-5%	1
R700	330K	Resistor Chip 0402 +/-5%	1
R451	33K	Resistor Chip 0402 +/-5%	1
R464	33K	Resistor Chip 0402 +/-5%	1
R613	33K	Resistor Chip 0402 +/-5%	1
R3	390K	Resistor Chip 0402 +/-5%	1
R54	39K	Resistor Chip 0402 +/-5%	1
R152	4.7K	Resistor Chip 0402 +/-5%	1
R154	4.7K	Resistor Chip 0402 +/-5%	1
R208	4.7K	Resistor Chip 0402 +/-5%	1
R215	4.7K	Resistor Chip 0402 +/-5%	1
R226	4.7K	Resistor Chip 0402 +/-5%	1
R450	4.7K	Resistor Chip 0402 +/-5%	1
R465	4.7K	Resistor Chip 0402 +/-5%	1
R618	4.7K	Resistor Chip 0402 +/-5%	1
R111	470K	Resistor Chip 0402 +/-5%	1
R231	470K	Resistor Chip 0402 +/-5%	1
R32	470K	Resistor Chip 0402 +/-5%	1
R406	470K	Resistor Chip 0402 +/-5%	1
R409	470K	Resistor Chip 0402 +/-5%	1
R441	470K	Resistor Chip 0402 +/-5%	1
R443	470K	Resistor Chip 0402 +/-5%	1
R45	470K	Resistor Chip 0402 +/-5%	1
R59	470K	Resistor Chip 0402 +/-5%	1
R10	47K	Resistor Chip 0402 +/-5%	1
R106	47K	Resistor Chip 0402 +/-5%	1
R110	47K	Resistor Chip 0402 +/-5%	1
R117	47K	Resistor Chip 0402 +/-5%	1
R15	47K	Resistor Chip 0402 +/-5%	1
R437	47K	Resistor Chip 0402 +/-5%	1
R602	47K	Resistor Chip 0402 +/-5%	1
R606	47K	Resistor Chip 0402 +/-5%	1

R607	47K	Resistor Chip 0402 +/-5%	1
R145	5.6K	Resistor Chip 0402 +/-5%	1
R428	5.6K	Resistor Chip 0402 +/-5%	1
R431	5.6K	Resistor Chip 0402 +/-5%	1
R219	56K	Resistor Chip 0402 +/-5%	1
R432	56K	Resistor Chip 0402 +/-5%	1
R140	6.8K	Resistor Chip 0402 +/-5%	1
R181	6.8K	Resistor Chip 0402 +/-5%	1
R242	6.8K	Resistor Chip 0402 +/-5%	1
R27	6.8K	Resistor Chip 0402 +/-5%	1
R418	6.8K	Resistor Chip 0402 +/-5%	1
R462	6.8K	Resistor Chip 0402 +/-5%	1
R416	680K	Resistor Chip 0402 +/-5%	1
R16	68K	Resistor Chip 0402 +/-5%	1
R401	68K	Resistor Chip 0402 +/-5%	1
R611A	68K	Resistor Chip 0402 +/-5%	1
R243A	75K	Resistor Chip 0402 +/-5%	1
R610	8.2K	Resistor Chip 0402 +/-5%	1
R415	820K	Resistor Chip 0402 +/-5%	1
R220	82K	Resistor Chip 0402 +/-5%	1
R421	82K	Resistor Chip 0402 +/-5%	1
R243	9.1K	Resistor Chip 0402 +/-5%	1
R609	91K	Resistor Chip 0402 +/-5%	1
SW103	Self Return Switch: E-C11ESRA01E	Tuning Switch	1
VR1	Dual Shaft Volume switch	F-09225S B10K/B50K L113x5 L21.8FCx6(D)	1
IC401	CHMC D5018	IC IF	1
Q1	2SC4083	Transistor Chip	1
Q406	2SC4083	Transistor Chip	1
Q5	2SC4083	Transistor Chip	1
LCD701	SDH-DA1564-HP-0	LCD_Base Camp 446	1
L102	100NH	Inductor Chip 0402	1
L701	100NH	Inductor Chip 0402	1
L144	27NH	Inductor Chip 0402	1

L3	180NH(03)	Inductor Chip 0603	1
L208	18NH(03)	Inductor Chip 0603	1
L209	18NH(03)	Inductor Chip 0603	1
L142	2.2UH(LK1608)	Inductor Chip 0603	1
L7	220NH(03)	Inductor Chip 0603	1
L402	22NH(03)	Inductor Chip 0603	1
L4	27NH(03)	Inductor Chip 0603	1
L401	27NH(03)	Inductor Chip 0603	1
L404	27NH(03)	Inductor Chip 0603	1
L5	2.7UH (05)	Inductor Chip 0805	1
L406	5.6UH(05)	Inductor Chip 0805	1
L601	390NH (SDWL 03)	Wirewound 0603 Chip Inductor	1
L603	39NH (SDWL 03)	Wirewound 0603 Chip Inductor	1
L602	56NH (SDWL 03)	Wirewound 0603 Chip Inductor	1
L2	68NH (SDWL 03)	Wirewound 0603 Chip Inductor	1
L19	82NH (SDWL 03)	Wirewound 0603 Chip Inductor	1
L403	10UH (SDWL2520F100JT)	Wirewound 2520 Chip Inductor	1
	Speaker	Diamater 57.0, 12ohm 2watt, YD57B-RB199F12	1
SW701	SS-24H01-G4 (ROHS)	Band Select Switch	1
SW101	SS-12F18-G4	Battery Source Switch	1
SW102	SS-12F18-G4	Light Switch	1
SF601	10.7MHz	Ceramic filter	1
SF602	10.7MHz	Ceramic filter	1
CF603	LTM450GU	Ceramic filter LTM450GU	1
CF401	LTM450GW	Ceramic filter LTM450GW	1
XR601	JT10.7MC40-A	Discriminator	1
SF3	439MHz (HDF-440DS)	SAW filter F-11SMD type	1
C139	TAJA106K006RNJ	Tental 10UF/6.3V 3.2x1.6 T-A	1
C143	TAJA105K016RNJ	Tental 1UF/16V 3.2X1.6 T-A	1
C251	TAJA226K006RNJ	Tental 22UF/6.3V 3.2x1.6 T-A	1
C63	TAJA226K006RNJ	Tental 22UF/6.3V 3.2x1.6 T-A	1
X102	R49SDA-020950-FA-16C	20.95MHZ X-tal 2.5ppm 49ATS	1
X702	32.768KHz	x-tal	1

X601	75KHz(30ppm)	x-tal	1
X701	R49SDA-008000-FA-16-30A	X-tal 8.00MHz	1
XF401	RUM5D3-021400-F1-F08AA	X-tal Filter 21.4MHz	1

Common Mechanical parts for BC466			
Ref.No	Items	Description	Q'ty
XT511-00	Power Volume Knob	ABS	1
XT511-01	Slide Knob	ABS	3
XT511-00	Tone Control Knob	ABS	1
XT511-00	Tuning Knob	ABS	1
XT511-01	Dynamo Knob	ABS Black	1
XT511-01	Reflective Frame for light (XT511)	ABS with Cr- Plate	1
XT511-00	Back Light Lens (XT511)	Acryl	1
XT511-00	LCD Window (XT511)	Acryl	1
XT511-00	Window for Light (XT511)	Acryl	1
XT511-01	Dynamo ARM	PC Black	1
XT511-01	Dynamo Frame	PC Black	1
	Antenna Assay (XT511)		1
	HWG-29-038	Dynamo Assay (Dynamo+Gear Box)	1
XT511-02	Pin for Dynamo Handle	BSBM 2.5, Ni-plate	1
XT511-02	Hanger Pin (XT511)	BSBM Dia3.0, Ni-plate	2
XT511-02	Dynamo Shaft Holder	Galvanized steel	1
XT511-02	Speaker Bracket (XT511)	Galvanized Steel 1.2t	2
XT511-02	Terminal (-) (XT511)	PBSP (H) 0.2t, Ni-plate	2
7N-013	Terminal-B	PBSP (H) 0.2t, Ni-plate	2
XT511-02	LCD Bracket	SPTe 0.5t	1
450-039	VCO CAN	SPTe t0.2	1
7N-015	Terminal D (Dual)	SUS 304(H) 0.2t	1
XT511-02	Terminal DD (XT511)	SUS 304(H) 0.2t	2
Felt 29X11	Felt	Felt 29x11x0.2t Black	2
	Screw	BH T2.0 x 6.0 Ni-plate	2

XT511-054	Cushion for AM bar antenna	EVA Black, 20x12x8.7t with Double side tape	1
	Lead wire BLK 2-120mm-2AWG#22/1571	Lead wire BLK Alkaline -	1
	Lead wire BLK 2-210mm-2AWG#22/1571	Lead wire BLK Batt. Pack -	1
	Lead wire BLK 2-100mm-2AWG#30/1571	Lead wire BLK SPK-	1
	Lead wire RED 2-170mm-2AWG#22/1571	Lead wire RED Alkaline +	1
	Lead wire RED 2-100mm-2AWG#30/1571	Lead wire RED SPK+	1
	Lead wire YEL 2-210mm-2AWG#22/1571	Lead wire YEL Batt. Pack +	1
XT511-05	Refelctive Sheet (XT511)	PE 0.1t White	1
	Screw (PH T2.6x12)	PH T2.6x 12 Black	8
	Screw (PH T2.6x8)	PH T2.6x8 Black	7
XT511-05	Cover Plate (XT511)	PVC 0.3t Black	1
	PVC TUBE 2.6MMIDX3.4MMODX120MM	PVC TUBE	1
FELT-052	Speaker Felt	Speaker Fept 0.1t Black, Dia.52.0mm	1
	SHIELD PLATE for VCO can	SPTe t0.2	1
	Screw	WH T2.6 x 8.0 Black	1
XT511-06	Charging label		1
	Metal Dome tape		5
	Plastic Tie Wrap		1
	PLASTIC TIE WRAP		0
XT511-01	Rubber Cap for Microphone Jack	5235U Silicone rubber 65 (Black)	1
XT511-01	Rubber Cap for Power Jack	5235U Silicone rubber 65 (Black)	1
XT511-01	Rubber Cap for USB Jack	5235U Silicone rubber 65 (Black)	1
XT511-01	Function Button (XT511)	Silicone 60	1
	Metal Dome (ME6261-00-1)	SUS301H 0.06t, Two leg with 4 points	5
XT511-Ze	Zebra (XT511)		1
BC446 Packing Items			
BC446-080		New RTTE booklet(BC446)	1
XT511-04	Inner Box (XT511)	SW	0
G5-032-1	ITALY Warranty card	Wood free paper (No need for UK/Germany shipment)	1
G5-032-2	Warranty card Spanish	Wood free paper (No need for UK/Germany shipment)	1
Alan777-032-UK	Warranty card UK	Wood free paper (No need for Germany shipment)	1

BC446-03	POP Label (BC446)	3M, #4187 clear	1
BC446-03	Product Label (BC446)	Polyester, 0.1t	1
		Waste Disposal Instruction insert CARD (Consumer)	1
G5-031A	Serial No. Label (with Barcode type)	Wood Free Paper	2
BC446-M	Manual (BC446)		1
	LETTER W/MIDLAND	BOX TAPE	1
Polybag2	Polybag PE 220 x 300 x 0.05t	Ploy Bag (for Camp radio Unit)	0
G223-028	Poly Bag	PP, 200 x 150 x 0.05t	1

BC446 Black/Gray Gun metal packing items			
XT511-00	Back Cover (XT511)	ABS	1
XT511-00	Battery cover	ABS	1
BC446-001	Front Cover (BC446)	ABS	1
BC446-04	Out Carton Box (BC446)	DW	0,1666
BC446-04	Gift Box (BC446)	SW with White paper	0
BC446-09	Blister Box (BC446)	PVC 0.5t	1
BC446-09	Inner Clamshell (BC446)	PVC 0.8t	1
BC446-04	Inner Sleeve (B446)	Manila Paper 0.4t with printings	1
Polybag3	Polybag 380 x 380	Polybag 380(open) x 380 0.05t	1

Consigned parts			
XT511-CA	Car Adaptor (GLCA300400-000)	CF-DC3000-103 (5.5) with charging label	1

	Microphone		1
BC446-A0	Adaptor 9V 300mA EU type	with charging label	1
	Battery pack (PB-ALT\G7)	Battery (NIHN AAA 800mAh 6.0v)	1
	Shoulder Starp		1