

Ref.No	Items
	Main PCB_X1 version
	Sub PCB 1
	Sub PCB 3
	Sub PCB 2
Q203	BFQ67W
Q204	BFQ67W
Q205	BFQ67W
C201	0.5P
C2	1.5P
C109	100P
C11	100P
C110	100P
C111	100P
C112	100P
C114	100P
C116	100P
C117	100P
C12	100P
C121	100P
C123	100P
C124	100P
C128	100P
C130	100P
C132	100P
C134	100P
C137	100P
C138	100P
C140	100P
C141	100P
C144	100P
C149	100P
C156	100P
C157	100P
C161	100P
C162	100P
C164	100P
C166	100P
C18	100P
C182	100P
C213	100P
C216	100P
C217	100P
C221	100P
C222	100P
C223	100P
C227	100P
C231	100P
C232	100P

C234	100P
C237	100P
C241	100P
C243	100P
C247	100P
C250	100P
C252	100P
C254	100P
C255	100P
C26	100P
C29	100P
C30	100P
C33	100P
C40	100P
C401	100P
C402	100P
C403	100P
C405	100P
C407	100P
C408	100P
C41	100P
C42	100P
C422	100P
C43	100P
C44	100P
C442	100P
C448	100P
C465	100P
C472	100P
C5	100P
C51	100P
C52	100P
C6	100P
C612	100P
C7	100P
C708	100P
C709	100P
C711	100P
C712	100P
C713	100P
C714	100P
C715	100P
C717	100P
C76	100P
C8	100P
C9	100P
C99	100P
C413	10P
C461	120P
C153	12P

C457	150P
C1	15P
C214	15P
C624	180P
C72	18P
C14	1P
C220	1P
C414	1P
C152	220P
C629	220P
C125	22P
C133	22P
C15	22P
C16	22P
C39	22P
C700A	22P
C700B	22P
C17	2P
C622A	2P
C120	33P
C126	33P
C19	33P
C24	33P
C705	33P
C706	33P
C719	39P
C151	3P
C245	3P
C228	47P
C625	47P
C622	4P
C74	4P
C135	5P
C159	5P
C207	5P
C215	5P
C219	5P
C224	5P
C410	5P
C718	68P
C160	6P
C415	6P
C432	6P
C38	7P
C604	7P
C246	82P
C253	82P
C154	8P
C22	8P
C148	9P

C165	0,001
C187	0,001
C20	0,001
C225	0,001
C249	0,001
C31	0,001
C36	0,001
C408A	0,001
C411	0,001
C412	0,001
C417	0,001
C479	0,001
C48	0,001
C62	0,001
C71	0,001
C720	0,001
C75	0,001
C441	0,0012
C447	0,0012
C628	0,0015
C229	0,0018
C427	0,0022
C439	0,0022
C440	0,0022
C445	0,0022
C446	0,0022
C434	0,0033
C631	0,0047
C77	0,0047
C78	0,0047
C129	0,01
C131	0,01
C181	0,01
C212	0,01
C244	0,01
C25	0,01
C416	0,01
C420	0,01
C421	0,01
C45	0,01
C50	0,01
C610	0,01
C66	0,01
C458	0,015
C460	0,015
C65	0,022
C79	0,022
C47	0,047
C230	0.01(X7R)
C106	0.015(X7R)

C209	0.022(X7R)
C470	0.022(X7R)
C438	0.039(X7R)
C98	0.039(X7R)
C233	0.047(X7R)
C236	0.047(X7R)
C431	0.047(X7R)
C433	0.047(X7R)
C443	0.047(X7R)
C616	0.1 (X7R)
C142	0.1(X7R 02)
C34	0.1(X7R 02)
C452	0.1(X7R 02)
C235	330P
C435	390P
C150	470P(X7R)
C158	470P(X7R)
C208	470P(X7R)
C406	470P(X7R)
C429	470P(X7R)
C430	470P(X7R)
C118	0,1
C242	0,1
C248	0,1
C456	0,1
C474	0,1
C611	0,1
C613	0,1
C617	0,1
C707	0,1
C404	0.1Y5V
C425	0.1Y5V
C426	0.1Y5V
C436	0.1Y5V
C444	0.1Y5V
C455	0.1Y5V
C468	0.1Y5V
C469	0.1Y5V
C57	0.1Y5V
C606	0.1Y5V
C607	0.1Y5V
C608	0.1Y5V
C701	0.1Y5V
C702	0.1Y5V
C703	0.1Y5V
C704	0.1Y5V
C710	0.1Y5V
C716	0.1Y5V
C100	100P (03)
C206	100P (03)

C210A	10P(03)
C210	15P(03)
C202	3P(03)
C4	3P(03)
C204	7P(03)
C205	8P(03)
C409	0.056(03)
C459	0.056(03)
C239	0.056(X7R)
C127	0.1(X7R)
C145	0.1(X7R)
C146	0.1(X7R)
C449	0.1(X7R)
C467	0.15(X7R)
C609	0.22(03)
C615	0.47(03)
C471	0.47(X7R 03)
C226	1UF(X7R,03)
C119	1UF
C155	1UF
C211	1UF
C27	1UF
C28	1UF
C473	1UF
C477	1UF
C55	1UF
C58	1UF
C59	1UF
C614	1UF
C620	1UF
C621	1UF
C67	1UF
TH2	Thermistor 10K
TM100	Thermistor 10K
IC702	XC61CN2402MR
IC104	XC6201P402MR
IC105	XC6203E502PR
IC701	AT93C46-10SU-2.7 8S1 JEDEC SOIC
CON3	12505-A CON
WIRE1	12505-A CABLE
BAR601	AM_BAR
IC102	GP214D
IC103	S324
IC201	S324
IC403	S324
Q207	STJ828EF
Q208	STJ828EF
Q209	STJ828EF
IC601	TEA5757H
IFT604	AM_VCO (V4)

IFT601	T1
IFT602	T2
IFT603	CF450KHz
L407	CF450KHz
L207	0.3X0.9X3T(R)
L141	0.3X1.2X4T(R)
L203	0.3X1.4X6T(R)
L204	0.3X1.4X6T(R)
L205	0.4X1.0X2T(R)
L1	0.4X1.5X5T(R)
L201	0.4X1.5X5T(R)
L202	0.4X1.5X5T(R)
L206	0.4X2.0X6T(L)
ZD101	10Vdc 5W Zener Diode
CPU1	TMP86CH21AUG-xxxx
CPU2	TMP86CH21AUG-xxxx
D605	1SV149-B(F)
D607	1SV149-B(F)
LED1	333UWC/M8
LED2	333UWC/M8
LED3	333UWC/M8
LED201	12-21UWC/TR8
LED202	12-21UWC/TR8
LED203	12-21UWC/TR8
LED204	12-21UWC/TR8
IC602	IL358DT
IC402	IL386DT
IC404	IL386DT
JACK3	USB-A-01
D1	KDS114E
D102	KDS114E
D141	KDS114E
D201	KDS114E
D204	KDS114E
D4	KDS114E
D402	KDS114E
D406	KDS114E
D203	KDS115 (USM)
D205	KDS115 (USM)
D401	KDS115 (USM)
D10	KDS120
D11	KDS120
D12	KDS120
D13	KDS120
D5	KDS120
D6	KDS120
D7	KDS120
D9	KDS120
D601	KDV147(B)
D603	KDV147(B)

D101	KDV1472(B)
DV1	KDV1472(B)
DV2	KDV1472(B)
D202	KDS114
D3	KDS114
D6A	SMAB13
Q409	KRA226S
Q6	KRA226S
Q601	KRA226S
Q8	KRA226S
Q10	KRA305E
Q2	KRA305E
Q404	KRA305E
Q3	KRC246S
Q9	KRC246S
Q144	KRA304E
Q206	KRC404E
Q408	KRC404E
Q410	KRC404E
Q7	KRC404E
Q701	KRC404E
Q702	KRC404E
Q141	KRC405E
Q202	KRC405E
Q210	KRC405E
Q403	KRC405E
Q407	KRC405E
Q103	KTA2014E
DV141	1SV214 (TH2,F,T) DIODE (LEAD FREE)
C601	100UF/10v (5x7)
C163	10UF/16 (3x5)
C218	10UF/16 (3x5)
C238	10UF/16 (3x5)
C423	10UF/16 (3x5)
C475	10UF/16 (3x5)
C476	10UF/16 (3x5)
C54	10UF/16 (3x5)
C602	10UF/16 (3x5)
C619	10UF/16 (3x5)
C632	10UF/16 (3x5)
C101	2200uF/16V 10x20
C603	4.7/16(3x7)
C451	470/16(8x13)
C478	470/16(8x13)
JACK2	DC-04
JACK1	EXT MIC
RV201	4.7K(B)
RV202	4.7K(B)
Q142	2SC4226 (R25)
Q143	2SC4226 (R25)

Q4	2SC4226 (R25)
Q401	2SC4226 (R25)
Q402	2SC4226 (R25)
Q201	NE5510279A
R2A	4.7 1/2W
R2	47 1/2W
MIC201	PFO-9745-CL130
R723	100K (+/-1%)
R104	10K 1%
R724	470K (+/-1%)
R56	0
R999	0
R469	1
R471	1
R30	2,2
R48	2,2
R53	4,7
R53A	4,7
R151	10
R412	10
R601	10
R603	10
R611	10
R235	33
R207	47
R403	47
R466	47
R467	47
R619	47
R12	100
R141	100
R19	100
R402	100
R52	100
R68	100
R69	100
R70	100
R71	100
R470	150
R472	150
R209	180
R147	220
R405	220
R463	220
R468	220
R57	220
R60	220
R64	220
R65	220
R66	220

R67	220
R11	330
R408	330
R6	330
R61	330
R201	560
R206	680
R149	1.5K
R224	1.5K
R203	1.8K
R22	1.8M
R433	1.8M
R438	1.8M
R109	100K
R17	100K
R18	100K
R183	100K
R212	100K
R216	100K
R228	100K
R237	100K
R238	100K
R250	100K
R26	100K
R34	100K
R435	100K
R456	100K
R457	100K
R461	100K
R601A	100K
R702	100K
R706	100K
R707	100K
R708	100K
R709	100K
R710	100K
R711	100K
R713	100K
R714	100K
R715	100K
R716	100K
R720	100K
R721	100K
R722	100K
R728	100K
R998	100K
R1	10K
R119	10K
R123	10K
R128	10K

R182	10K
R20	10K
R213	10K
R221	10K
R227	10K
R229	10K
R240	10K
R407	10K
R422	10K
R423	10K
R434	10K
R439	10K
R440	10K
R449	10K
R50	10K
R51	10K
R605	10K
R616	10K
R717	10K
R719	10K
R727	10K
R8	10K
R446	10M
R723A	10M
R211	120K
R58	120K
R29	12K
R15A	150K
R144	15K
R234	180K
R604	18K
R718	18K
R223	1K
R414	1K
R425	1K
R703	1K
R218	1M
R25	1M
R25A	1M
R417	1M
R448	1M
R454	1M
R701	1M
R729	1M
R153	2.2K
R202	2.2K
R214	2.2K
R230	2.2K
R233	2.2K
R236	2.2K

R241	2.2K
R244	2.2K
R33	2.2K
R404	2.2K
R410	2.2K
R730	2.2K
R9	2.2K
R458	2.2M
R473	2.2M
R14	2.7K
R204	2.7K
R217	2.7K
R210	220K
R239	220K
R424	220K
R447	220K
R452	220K
R453	220K
R5	220P
R101	22K
R13	22K
R139	22K
R23	22K
R4	22K
R426	22K
R442	22K
R612	22K
R614	22K
R705	22K
R725	22K
R726	22K
R21	270K
R411	27K
R419	27K
R420	27K
R430	27K
R146	3.3K
R31	3.3K
R413	3.3K
R429	3.3K
R49	3.3K
R615	3.3K
R7	3.3K
R148	3.9K
R436	3.9K
R232	330K
R700	330K
R451	33K
R464	33K
R613	33K

R3	390K
R54	39K
R152	4.7K
R154	4.7K
R208	4.7K
R215	4.7K
R226	4.7K
R450	4.7K
R465	4.7K
R618	4.7K
R111	470K
R231	470K
R32	470K
R406	470K
R409	470K
R441	470K
R443	470K
R45	470K
R59	470K
R10	47K
R106	47K
R110	47K
R117	47K
R15	47K
R437	47K
R602	47K
R606	47K
R607	47K
R145	5.6K
R428	5.6K
R431	5.6K
R219	56K
R432	56K
R140	6.8K
R181	6.8K
R242	6.8K
R27	6.8K
R418	6.8K
R462	6.8K
R416	680K
R16	68K
R401	68K
R611A	68K
R243A	75K
R610	8.2K
R415	820K
R220	82K
R421	82K
R243	9.1K
R609	91K

SW103	Self Return Switch: E-C11ESRA01E
VR1	Dual Shaft Volume switch
IC401	CHMC D5018
Q1	2SC4083
Q406	2SC4083
Q5	2SC4083
LCD701	SDH-DA1564-HP-0
L102	100NH
L701	100NH
L144	27NH
L3	180NH(03)
L208	18NH(03)
L209	18NH(03)
L142	2.2UH(LK1608)
L7	220NH(03)
L402	22NH(03)
L4	27NH(03)
L401	27NH(03)
L404	27NH(03)
L5	2.7UH (05)
L406	5.6UH(05)
L601	390NH (SDWL 03)
L603	39NH (SDWL 03)
L602	56NH (SDWL 03)
L2	68NH (SDWL 03)
L19	82NH (SDWL 03)
L403	10UH (SDWL2520F100JT)
	Speaker
SW701	SS-24H01-G4 (ROHS)
SW101	SS-12F18-G4
SW102	SS-12F18-G4
SF601	10.7MHz
SF602	10.7MHz
CF603	LTM450GU
CF401	LTM450GW
XR601	JT10.7MC40-A
SF3	439MHz (HDF-440DS)
C139	TAJA106K006RNJ
C143	TAJA105K016RNJ
C251	TAJA226K006RNJ
C63	TAJA226K006RNJ
X102	R49SDA-020950-FA-16C
X702	32.768KHz
X601	75KHz(30ppm)
X701	R49SDA-008000-FA-16-30A
XF401	RUM5D3-021400-F1-F08AA

Common Mechanical parts for BC466

Ref.No	Items
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XT511-00	Power Volume Knob
XT511-01	Slide Knob
XT511-00	Tone Control Knob
XT511-00	Tuning Knob
XT511-01	Dynamo Knob
XT511-01	Reflective Frame for light (XT511)
XT511-00	Back Light Lens (XT511)
XT511-00	LCD Window (XT511)
XT511-00	Window for Light (XT511)
XT511-01	Dynamo ARM
XT511-01	Dynamo Frame
	Antenna Assay (XT511)
	HWG-29-038
XT511-02	Pin for Dynamo Handle
XT511-02	Hanger Pin (XT511)
XT511-02	Dynamo Shaft Holder
XT511-02	Speaker Bracket (XT511)
XT511-02	Terminal (-) (XT511)
7N-013	Terminal-B
XT511-02	LCD Bracket
450-039	VCO CAN
7N-015	Terminal D (Dual)
XT511-02	Terminal DD (XT511)
Felt 29X11	Felt
	Screw
XT511-054	Cushion for AM bar antenna
	Lead wire BLK 2-120mm-2AWG#22/1571
	Lead wire BLK 2-210mm-2AWG#22/1571
	Lead wire BLK 2-100mm-2AWG#30/1571
	Lead wire RED 2-170mm-2AWG#22/1571
	Lead wire RED 2-100mm-2AWG#30/1571
	Lead wire YEL 2-210mm-2AWG#22/1571
XT511-05	Refelctive Sheet (XT511)
	Screw (PH T2.6x12)
	Screw (PH T2.6x8)
XT511-05	Cover Plate (XT511)
	PVC TUBE 2.6MMIDX3.4MMODX120MM
FELT-052	Speaker Felt
	SHIELD PLATE for VCO can
	Screw
XT511-06	Charging label
	Metal Dome tape
	Plastic Tie Wrap
	PLASTIC TIE WRAP
XT511-01	Rubber Cap for Microphone Jack
XT511-01	Rubber Cap for Power Jack
XT511-01	Rubber Cap for USB Jack
XT511-01	Function Button (XT511)
	Metal Dome (ME6261-00-1)

XT511-Ze	Zebra (XT511)
BC446 Packing Items	
BC446-080	
XT511-04	Inner Box (XT511)
G5-032-1	ITALY Warranty card
G5-032-2	Warranty card Spanish
Alan777-032-UK	Warranty card UK
BC446-03	POP Label (BC446)
BC446-03	Product Label (BC446)
G5-031A	Serial No. Label (with Barcode type)
BC446-M	Manual (BC446)
	LETTER W/MIDLAND
Polybag2	Polybag PE 220 x 300 x 0.05t
G223-028	Poly Bag

BC446 Black/Gray Gun metal packing items	
XT511-00	Back Cover (XT511)
XT511-00	Battery cover
BC446-001	Front Cover (BC446)
BC446-04	Out Carton Box (BC446)
BC446-04	Gift Box (BC446)
BC446-09	Blister Box (BC446)
BC446-09	Inner Clamshell (BC446)
BC446-04	Inner Sleeve (B446)
Polybag3	Polybag 380 x 380

Consigned parts	
XT511-CA	Car Adaptor (GLCA300400-000)
	Microphone
BC446-A	Adaptor 9V 300mA EU type
	Battery pack (PB-ALTG7)
	Shoulder Starp

Tuning Switch	1
F-09225S B10K/B50K L113x5 L21.8FCx6(D)	1
IC IF	1
Transistor Chip	1
Transistor Chip	1
Transistor Chip	1
LCD_Base Camp 446	1
Inductor Chip 0402	1
Inductor Chip 0402	1
Inductor Chip 0402	1
Inductor Chip 0603	1
Inductor Chip 0603	1
Inductor Chip 0603	1
Inductor Chip 0603	1
Inductor Chip 0603	1
Inductor Chip 0603	1
Inductor Chip 0603	1
Inductor Chip 0603	1
Inductor Chip 0603	1
Inductor Chip 0603	1
Inductor Chip 0805	1
Inductor Chip 0805	1
Wirewound 0603 Chip Inductor	1
Wirewound 0603 Chip Inductor	1
Wirewound 0603 Chip Inductor	1
Wirewound 0603 Chip Inductor	1
Wirewound 0603 Chip Inductor	1
Wirewound 2520 Chip Inductor	1
Diamater 57.0, 12ohm 2watt, YD57B-RB199F12	1
Band Select Switch	1
Battery Source Switch	1
Light Switch	1
Ceramic filter	1
Ceramic filter	1
Ceramic filter LTM450GU	1
Ceramic filter LTM450GW	1
Discriminator	1
SAW filter F-11SMD type	1
Tental 10UF/6.3V 3.2x1.6 T-A	1
Tental 1UF/16V 3.2X1.6 T-A	1
Tental 22UF/6.3V 3.2x1.6 T-A	1
Tental 22UF/6.3V 3.2x1.6 T-A	1
20.95MHZ X-tal 2.5ppm 49ATS	1
x-tal	1
x-tal	1
X-tal 8.00MHz	1
X-tal Filter 21.4MHz	1

Description	Q'ty
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ABS	1
ABS	3
ABS	1
ABS	1
ABS Black	1
ABS with Cr- Plate	1
Acryl	1
Acryl	1
Acryl	1
PC Black	1
PC Black	1
	1
Dynamo Assay (Dynamo+Gear Box)	1
BSBM 2.5, Ni-plate	1
BSBM Dia3.0, Ni-plate	2
Galvanized steel	1
Galvanized Steel 1.2t	2
PBSP (H) 0.2t, Ni-plate	2
PBSP (H) 0.2t, Ni-plate	2
SPTE 0.5t	1
SPTE t0.2	1
SUS 304(H) 0.2t	1
SUS 304(H) 0.2t	2
Felt 29x11x0.2t Black	2
BH T2.0 x 6.0 Ni-plate	2
EVA Black, 20x12x8.7t with Double side tape	1
Lead wire BLK Alkaline -	1
Lead wire BLK Batt. Pack -	1
Lead wire BLK SPK-	1
Lead wire RED Alkaline +	1
Lead wire RED SPK+	1
Lead wire YEL Batt. Pack +	1
PE 0.1t White	1
PH T2.6x 12 Black	8
PH T2.6x8 Black	7
PVC 0.3t Black	1
PVC TUBE	1
Speaker Fept 0.1t Black, Dia.52.0mm	1
SPTE t0.2	1
WH T2.6 x 8.0 Black	1
	1
	5
	1
	0
5235U Silicone rubber 65 (Black)	1
5235U Silicone rubber 65 (Black)	1
5235U Silicone rubber 65 (Black)	1
Silicone 60	1
SUS301H 0.06t, Two leg with 4 points	5

	1
New RTTE booklet(BC446)	1
SW	0
Wood free paper (No need for UK/Germany shipment)	1
Wood free paper (No need for UK/Germany shipment)	1
Wood free paper (No need for Germany shipment)	1
3M, #4187 clear	1
Polyester, 0.1t	1
Waste Disposal Instruction insert CARD (Consumer)	1
Wood Free Paper	2
	1
BOX TAPE	1
Ploy Bag (for Camp radio Unit)	0
PP, 200 x 150 x 0.05t	1

ABS	1
ABS	1
ABS	1
DW	0,1666
SW with White paper	0
PVC 0.5t	1
PVC 0.8t	1
Manila Paper 0.4t with printings	1
Polybag 380(open) x 380 0.05t	1

CF-DC3000-103 (5.5) with charging label	1
	1
with charging label	1
Battery (NIHN AAA 800mAh 6.0v)	1
	1