

ASSEMBLY PART NUMBER ARF-244-03H1

DESCRIPTION: PCBA_REFERS-NWB REV.01

ECO NUMBER:

COMPONENT EFFECTIVE DATE: 00-06-02

REVISION: P0 PAGE: 1 / 2

COMPONENT SORT BY: SMT,SLC, COMPONENT PART NO.

CHECKED BY: _____

APPROVED BY: _____

ITEM	SLC_NPART	DESCRIPTION	SMT	REV	QUANTITY	REFERENCE
1	EPN-202-H001	2PIN HEADER(H10/2/2MM) 2220-SS02-G		P0	1.00	ANT
2	EPN-212-H001	12PIN HEADER(H10/2/2MM) 2220-SS12-G		P0	1.00	J1
3	EXR-020-H007	SAW FILTER 465M-500HM KSF465CR2		P0	1.00	FL1
4	ENR-020-H008	NTAL FILTER 21.7MH 3.75K 21H08AU5		P0	1.00	FL2
5	EXT-020-H001	NTAL 21.25MHz-5PPM-18PF		P0	1.00	X1
6	MMT-030-H001	SPTF-0.3T SHIELD CAN		P0	1.00	
7	TRF-244-03H1	SMT FRS-NWB RF ASSY. REV:01		P0	1.00	
8	BRF-249-H002	PCB_4-LAYER(1.00) RF. FRS-NWB REV:01	Y	P0	1.00	PCB, RF
9	ECC-500-0060	CAP_C_TRIMMER CHIP 6PF(JTC03A060)	Y	P0	2.00	CV1,CV2
10	ECS-311-0040	CAP_C_CHIP 4PF/C(CH)(0603) A:COG150L	Y	P0	1.00	C65
11	ECS-311-0050	CAP_C_CHIP 5PF/C(CH)(0603) A:COG150L	Y	P0	3.00	C35,C44,C72
12	ECS-311-01R5	CAP_C_CHIP 1.5PF/C(CH)(0603) A:COG150L	Y	P0	1.00	C13
13	ECS-311-02R7	CAP_C_CHIP 2.7PF/C(CH)(0603) A:COG150L	Y	P0	3.00	C36,C62,C64
14	ECS-311-03R3	CAP_C_CHIP 3.3PF/C(CH)(0603) A:COG150L	Y	P0	3.00	C56,C57,C63
15	ECS-312-0060	CAP_C_CHIP 6PF/D(CH)(0603) A:COG150L	Y	P0	4.00	C39,C40,C61,C66
16	ECS-312-0070	CAP_C_CHIP 7PF/D(CH)(0603) A:COG150L	Y	P0	2.00	C42,C83
17	ECS-312-0080	CAP_C_CHIP 8PF/D(CH)(0603) A:COG150L	Y	P0	1.00	C14
18	ECS-312-0100	CAP_C_CHIP 10PF/D(CH)(0603) A:COG150L	Y	P0	4.00	C2,C4,C5,C8
19	ECS-314-0101	CAP_C_CHIP 100PF/J(CH)(0603) A:COG150L	Y	P0	5.00	C18,C37,C48,C50,C82
20	ECS-314-0150	CAP_C_CHIP 15PF/J(CH)(0603) A:COG150L	Y	P0	2.00	C3,C16
21	ECS-314-0200	CAP_C_CHIP 20PF/J(CH)(0603) A:COG150L	Y	P0	4.00	C7,C20,C27,C51
22	ECS-314-0221	CAP_C_CHIP 220PF/J(CH)(0603) A:COG150L	Y	P0	4.00	C6,C21,C67,C69
23	ECS-314-0471	CAP_C_CHIP 470PF/J(CH)(0603) A:COG150L	Y	P0	5.00	C1,C10,C41,C43,C60
24	ECS-314-0820	CAP_C_CHIP 82PF/J(CH)(0603) A:COG150L	Y	P0	1.00	C49
25	ECS-555-0102	CAP_C_C.I.L.D. B0.001uF/K(0603) X:X7R282L	Y	P0	4.00	C28,C55,C68,C80
26	ECS-555-0103	CAP_C_C.H.D. B0.01uF/K(0603) X:X7R282L	Y	P0	6.00	C15,C38,C53,C59,C79,C81
27	ECS-566-0104	CAP_C_C.H.D. F0.1uF/M(0603) Y:YF153L	Y	P0	5.00	C9,C19,C46,C54,C84
28	ECT-133-0010	CAP_T_CHIP 1uF/M/10V(3.2X1.6)	Y	P0	2.00	C52,C58
29	ECT-133-0100	CAP_T_CHIP 10uF/M/10V(3.2X1.6)	Y	P0	1.00	C78
30	EHS-123-0270	CHIP COIL SQUARE 27nH/J(0603)	Y	P0	2.00	L16,L17
31	EHS-123-08R2	CHIP COIL SQUARE 8.2nH/J(0603)	Y	P0	1.00	L18
32	EHS-133-0471	CHIP COIL 0.47nH/J(0805)	Y	P0	1.00	L21
33	EHS-134-0222	CHIP COIL SQUARE 2.2nH/K(0805)	Y	P0	2.00	L8,L22
34	EHS-300-H001	CHIP COIL SPRING 0.32-1.2-3T	Y	P0	4.00	L2,L10,L11,L13
35	EHS-300-H002	CHIP COIL SPRING 0.32-1.2-4T	Y	P0	5.00	L1,L3,L4,L6,L12
36	EHS-300-H003	CHIP COIL SPRING 0.32-1.2-5T	Y	P0	3.00	L7,L14,L15
37	ERS-611-0100	RES_(0603)-10 10 OHM	Y	P0	4.00	R2,R28,R32,R61
38	ERS-611-0102	RES_(0603)-10 1 K OHM	Y	P0	6.00	R16,R35,R38,R39,R40,R58

ASSEMBLY PART NUMBER ARF-244-03111

DESCRIPTION: PCBA REFERS-NWB REV:01

ECO NUMBER:

COMPONENT EFFECTIVE DATE: 00-06-02

REVISION: P0 PAGE: 2 / 2

COMPONENT SORT BY: SMT.SLC COMPONENT PART NO.

CHECKED BY: _____

APPROVED BY: _____

ITEM	SLC_NPART	DESCRIPTION	SMT	REV	QUANTITY	REFERENCE
39	ERS-611-0103	RES_(0603)-10 10 KOHM	Y	P0	3.00	R30,R43,R53
40	ERS-611-0104	RES_(0603)-10 100 KOHM	Y	P0	1.00	R56
41	ERS-611-0151	RES_(0603)-10 150 OHM	Y	P0	2.00	R3,R13
42	ERS-611-0152	RES_(0603)-10 1.5 KOHM	Y	P0	2.00	R14,R46
43	ERS-611-0222	RES_(0603)-10 2.2 KOHM	Y	P0	4.00	R4,R9,R27,R42
44	ERS-611-0223	RES_(0603)-10 22 KOHM	Y	P0	3.00	R6,R33,R34
45	ERS-611-0224	RES_(0603)-10 220 KOHM	Y	P0	1.00	R12
46	ERS-611-0330	RES_(0603)-10 33 OHM	Y	P0	5.00	R5,R8,R47,R48,R57
47	ERS-611-0331	RES_(0603)-10 330 OHM	Y	P0	2.00	R10,R11
48	ERS-611-0332	RES_(0603)-10 3.3 KOHM	Y	P0	2.00	R50,R52
49	ERS-611-0333	RES_(0603)-10 33 KOHM	Y	P0	1.00	R1
50	ERS-611-0472	RES_(0603)-10 4.7 KOHM	Y	P0	2.00	R7,R31
51	ERS-611-0560	RES_(0603)-10 56 OHM	Y	P0	2.00	R17,R41
52	ERS-611-0562	RES_(0603)-10 5.6 KOHM	Y	P0	1.00	R49
53	ERS-611-0820	RES_(0603)-10 82 OHM	Y	P0	1.00	R51
54	ERS-611-0822	RES_(0603)-10 8.2 KOHM	Y	P0	1.00	R44
55	SDD-119-H001	DIODE_SW KDS160(USC)	Y	P0	1.00	D2
56	SDD-119-H002	DIODE_SW RF KDS114	Y	P0	4.00	D1,D4,D5,D8
57	SDD-319-H001	DIODE_VAR KDV154C(USC)	Y	P0	1.00	D7
58	SIC-312-H002	IC_PLL KB8825(SOP)	Y	P0	1.00	IC2
59	STR-155-H001	TR_SW KRC103SY(SOT-23)	Y	P0	1.00	Q11
60	STR-206-H001	TR_RF POWER 2SC4988(SOT-89)	Y	P0	2.00	Q5,Q6
61	STR-225-0009	TR_RF 2SC4901 (SOT-23) HFE:120-250	Y	P0	6.00	Q1,Q3,Q7,Q8,Q9,Q10
62	STR-225-H001	TR_SS KTC4080Y(SOT-23)	Y	P0	1.00	Q4

ASSEMBLY PART NUMBER: ABM-244-02H1
 DESCRIPTION: PCBA_BM FRS-NWB REV:01
 ECO NUMBER:

COMPONENT EFFECTIVE DATE: 00-06-02
 REVISION: P0 PAGE: 1 / 2
 COMPONENT SORT BY: SMT.SLC COMPONENT PART NO

CHECKED BY: _____

APPROVED BY: _____

ITEM	SLC_NPART	DESCRIPTION	SMT	REV	QUANTITY	REFERENCE
1	ARF-244-03H1	14CH_BASIC FRS-NWB RF ASSY. REV:01		P0	1.00	PCBA_RF
2	ECE-212-1101	CAP_E_MINI 100uF/6.3V(D6.3XL7)		P0	3.00	C101,C112,C114
3	ECE-222-0100	CAP_E_MINI 10uF/10V		P0	2.00	C73,C177
4	EIF-200-H004	IFT COIL KS50N-455 FOR CT1818(5mm)		P0	1.00	IFT1
5	EJK-050-H001	DUAL JACK ST-171-02		P0	1.00	JK100
6	ESW-000-H008	TACK SWITCH/PTT TSC-063803-150		P0	1.00	SW1
7	EXR-020-H006	CERAMIC FILTER 450+/3K CFM450HTW		P0	1.00	FL3
8	EXR-020-H009	CERAMIC RESONATOR CR3.58MHz		P0	1.00	X100
9	MMT-020-H007	LCD BRACKET FOR FRS		P0	1.00	
10	MRB-100-H003	SILICONE RUBBER ZEBRA		P0	1.00	
11	PHS-070-H003	ACRYL LCD HOLDER FOR FRS		P0	1.00	
12	SDD-121-0004	DIODE_SW 1N4148		P0	1.00	D100
13	SLD-121-0013	LED_RED LTL-1222A		P0	1.00	LED101
14	SLD-300-H002	LCD-BASIC TCE 4406 FOR FRS		P0	1.00	LCD100
15	TBM-244-02H1	SMT FRS-NWB MAIN PCB'A ASSY. REV:01		P0	1.00	
16	BBM-244-H004	PCB_DS MAIN-1.0T FRS-NWB REV:01	Y	P0	1.00	PCB_BM
17	ECS-314-0101	CAP_C_CHIP 100PF/J(CH)(0603) A:COG150L	Y	P0	2.00	C134,C168
18	ECS-314-0300	CAP_C_CHIP 30PF/J(CH)(0603) A:COG150L	Y	P0	2.00	C119,C120
19	ECS-314-0471	CAP_C_CHIP 470PF/J(CH)(0603) A:COG150L	Y	P0	4.00	C31,C70,C108,C131
20	ECS-555-0102	CAP_C_C.H.D. B0.001uF/K(0603) X:X7R282L	Y	P0	11.00	C32,C71,C96,C99,C102,C117,C123,C138,C174,C179,C180
21	ECS-555-0103	CAP_C_C.H.D. B0.01uF/K(0603) X:X7R282L	Y	P0	5.00	C106,C110,C115,C125,C176
22	ECS-555-0222	CAP_C_C.H.D. B0.0022uF/K(0603) X:X7R282L	Y	P0	1.00	C33
23	ECS-555-0223	CAP_C_C.H.D. B0.022uF/K(0603) X:X7R282L	Y	P0	1.00	C34
24	ECS-555-0333	CAP_C_C.H.D. B0.033uF/K(0603) X:X7R282L	Y	P0	3.00	C105,C107,C124
25	ECS-555-0473	CAP_C_C.H.D. B0.047uF/K(0603) X:X7R282L	Y	P0	2.00	C133,C136
26	ECS-566-0104	CAP_C_C.H.D. F0.1uF/M(0603) Y:YF153L	Y	P0	17.00	C6,C11,C23,C25,C26,C30,C97,C100,C104,C109,C113
27	ECS-566-0104	CAP_C_C.H.D. F0.1uF/M(0603) Y:YF153L	Y	P0	0.00	C116,C121,C122,C127,C160,C178
28	ECS-666-0474	CAP_C_C.H.D. F0.47uF/M(0805) Y:YF153L	Y	P0	4.00	C29,C111,C137,C181
29	ECT-133-0100	CAP_T_CHIP 10uF/M/10V(3.2X1.6)	Y	P0	2.00	C103,C126
30	ECT-223-0470	CAP_T_CHIP 47uF/M/6.3V(3.5X2.8)	Y	P0	1.00	C118
31	ERS-611-0100	RES_(0603)-10 10 OHM	Y	P0	3.00	R93,R105,R106
32	ERS-611-0101	RES_(0603)-10 100 OHM	Y	P0	3.00	R98,R99,R141
33	ERS-611-0102	RES_(0603)-10 1 KOHM	Y	P0	3.00	R145,R153,R154
34	ERS-611-0103	RES_(0603)-10 10 KOHM	Y	P0	6.00	R26,R34,R64,R102,R110,R113
35	ERS-611-0104	RES_(0603)-10 100 KOHM	Y	P0	8.00	R19,R63,R94,R100,R101,R108,R152,R184
36	ERS-611-0105	RES_(0603)-10 1 MOHM	Y	P0	2.00	R24,R136
37	ERS-611-0122	RES_(0603)-10 1.2 KOHM	Y	P0	2.00	R104,R171
38	ERS-611-0153	RES_(0603)-10 15 KOHM	Y	P0	1.00	R168

ASSEMBLY PART NUMBER: ABM-244-02111
 DESCRIPTION: PCBA_BM FRS-NWB REV-01
 ECO NUMBER:

COMPONENT EFFECTIVE DATE: 00-06-02
 REVISION: P0 PAGE: 2 / 2
 COMPONENT SORT BY: SMT,SLC, COMPONENT PART NO.

CHECKED BY: _____

APPROVED BY: _____

ITEM	SLC_NPART	DESCRIPTION	SMT	REV	QUANTITY	REFERENCE
39	ERS-611-0182	RES_(0603)-10 1.8K OHM	Y	P0	1.00	R23
40	ERS-611-0183	RES_(0603)-10 18 KOHM	Y	P0	1.00	R151
41	ERS-611-0223	RES_(0603)-10 22 KOHM	Y	P0	11.00	R124,R125,R126,R127,R128,R129,R130,R131,R132,R138
42	ERS-611-0223	RES_(0603)-10 22 KOHM	Y	P0	0.00	R173
43	ERS-611-0224	RES_(0603)-10 220 KOHM	Y	P0	9.00	R22,R116,R117,R118,R119,R120,R121,R122,R123
44	ERS-611-0272	RES_(0603)-10 2.7 KOHM	Y	P0	1.00	R170
45	ERS-611-0330	RES_(0603)-10 33 OHM	Y	P0	1.00	R155
46	ERS-611-0331	RES_(0603)-10 330 OHM	Y	P0	4.00	R36,R103,R147,R148
47	ERS-611-0333	RES_(0603)-10 33 KOHM	Y	P0	4.00	R1237,R143,R150,R167
48	ERS-611-0472	RES_(0603)-10 4.7 KOHM	Y	P0	6.00	R61,R114,R133,R162,R163,R166
49	ERS-611-0473	RES_(0603)-10 47 KOHM	Y	P0	15.00	R15,R18,R96,R112,R115,R135,R144,R146,R156,R157
50	ERS-611-0473	RES_(0603)-10 47 KOHM	Y	P0	0.00	R158,R159,R161,R164,R165
51	ERS-611-0562	RES_(0603)-10 5.6 KOHM	Y	P0	3.00	R109,R149,R169
52	ERS-611-0680	RES_(0603)-10 68 OHM	Y	P0	1.00	R134
53	ERS-611-0681	RES_(0603)-10 680 OHM	Y	P0	1.00	R97
54	ERS-611-0682	RES_(0603)-10 6.8 KOHM	Y	P0	5.00	R21,R25,R59,R95,R111
55	ERS-611-0683	RES_(0603)-10 68 KOHM	Y	P0	2.00	R107,R142
56	ERS-611-0822	RES_(0603)-10 8.2 KOHM	Y	P0	2.00	R139,R140
57	ERV-263-0103	CHIP SVR-10K RH03A3A/10KB	Y	P0	1.00	SVR1
58	ERV-263-0503	CHIP SVR 50 KOHM	Y	P0	1.00	SVR2
59	SDD-119-H001	DIODE_SW KDS160(USC)	Y	P0	6.00	D3,D6,D101,D102,D103,D104
60	SIC-127-H004	IC_uP KS57P0408(QFP)	Y	P0	1.00	IC102
61	SIC-212-0067	IC_LI KA324/KIA324/LM324(SOP)	Y	P0	1.00	IC103
62	SIC-212-0072	IC_LI KA386/LM386(SOP)	Y	P0	1.00	IC101
63	SIC-212-H001	IC_LI KA3361CD(SOP16)	Y	P0	1.00	IC1
64	SIC-216-H004	IC_VOLTAGE REGULATOR XC62GR4012PR(SOT-89)	Y	P0	1.00	IC100
65	SLD-442-H002	CHIP_LED GREEN(LTST-C150GKT)	Y	P0	1.00	LED100
66	STR-125-0008	TR_SS KSC1623Y/KTC3875Y (SOT-23)	Y	P0	4.00	Q2,Q18,Q20,Q100
67	STR-135-H001	TR_SW KTA1505SY(SOT-23)	Y	P0	6.00	Q12,Q13,Q14,Q19,Q102,Q108