

Circuit function of the device discription

RF MODULE

Model 2011 FCC ID:DE8-2011

ECN#

REVISION: B

DATE REVISED: 2/22/

9/28/01

DATE PRINTED:

9/28/01

TOTAL		MANUFACTURER P/N	MANUFACTURER	PART DISCRIPTION	PART LOCATION
ITEM	QTY				
1	1	HFA3861B	INTERSIL	BASE BAND CHIP	U1
2	1	HFA3783IN	INTERSIL	IF CHIP	U2
3	1	HFA3683AIN	INTERSIL	UP/DOWN CHIP	U3
4	1	HFA3983IV	INTERSIL	TX PWR AMP	U9
5	1	DMP-VCX748S6	DELTA	VCO	U4
6	1	DMP-VCX2047S6	DELTA	VCO	U5
7	1	MIC5205-2.8BM5	MICREL	2.8V REG	U15
8	1	MIC5205-3.0BM5	MICREL	3.0V REG	U6
9	2	HMC174MS8	HITTITE	ANT SW	U7,8
10	1	ICL7660CSA	MAXIM	NEG REG	U10
11	1	SHF-0589	STANFORD	FET TX AMP	U11
12	1	RF1K49093	INTERSIL	MOS FET	U12
13	1	HMC286	HITTITE	LOW NOISE AMP	U13
14	1	EC2645TX-44.00	ECLIPTEK	44 MHZ OSC	U14
15	2	SML-LX1206IC-TR	LUMEX	RED LED	LED2,3
16	1	SML-LX1206GC-TR	LUMEX	GREEN LED	LED1
17	1	SAWTECH855653	SAWTECH	FILTER	FL1
18	3	LFJ30-03B2442B084	MURATA	2.4GHZ FILTER	FL2,5,6
19	1	TDFM1B-2450T-10	TOKO	2.4GHZ FILTER	FL4
20	2	MGSF1N02LT / IRLML2402TR	MOTOROLA / IR	FET	Q1,5
21	1	MGSF1P02LT / IRLML6302TR	MOTOROLA / IR	FET	Q2
22	3	2SC-3265 EY	TOSHIBA	TRANSISTOR	Q3,4,6
23	5	EXC-ML20A390U	PANASONIC	BEAD CORES SIZE 805	L1,11,12,16,17
24	3	ELJ-RE1N5ZF2	PANASONIC	CHIP INDUCTOR 1.5nH (SIZE 603)	L8,9,10
25	1	ELJ-RE3N3ZF2	PANASONIC	CHIP INDUCTOR 3.3nH (603)	L13
25	4	ELJ-RE6N8ZF2	PANASONIC	CHIP INDUCTOR 6.8nH	L15,19,20,21
26	1	ELJ-RE18NGF2	PANASONIC	CHIP INDUCTOR 18nH(SIZ 603)	L4

27	4	ELJ-RE33NGF2	PANASONIC	CHIP INDUCTOR 33nH(SIZE 603)	L2,3,6,7
28	2	ELJ-RE39NGF2	PANASONIC	CHIP INDUCTOR 39nH(SIZE 603)	L5,14
29	1	ELJ-RER22JF3	PANASONIC	CHIP INDUCTOR 220nH (0603)	L18
30	1	293D107X9010D2T	SPRAGUE/VISHEY	CHIP TANT CAP 100uF/10V	C65
31	1	ECJ-1VB0J474K	PANASONIC	CHIP CAP .47uF(SIZE 603)	C108
32	10	293D106X9020B	SPRAGUE/VISHEY	CHIP TANT CAP 10uF/10V	C1,3,27,36,38,47,112,105,106,145
33	1	ECJ-1VB0J684K	PANASONIC	CHIP CAP .68uF(SIZE 603)	C70
34	27	CL10B104KONC	SAMSUNG	CHIP CAP .1uF (SIZE 603)	C2,4,5,6,10,11,13,16,17,18,19,20,22,31
					32,35,37,39,46,48,49,51,62,67
					,72,75,83
35	12	CL10B103KBNC	SAMSUNG	CHIP CAP .01uF (SIZE 603)	C7,9,50,52,53,58,61,63,64,66,69,102
36	12	MCH185C102KK	ROHM	CHIP CAP .001uF (SIZE 603)	C15,33,34,74,78,100,101,103,104,92
					116,122
37	1	CL10B223KANC	SAMSUNG	CHIP CAP .022uF(SIZE 603)	C24
38	1	S060W683K1HRN	RGA	CHIP CAP .068uF	C71
39	1	ECJ-1VB1A224K	PANASONIC	CHIP CAP .22uF	C25
40	8	140-CC504N1.0C	XICON	CHIP CAP 1PF (SIZE 603)	C94,97,98,110,111,130,147,176
41	8	CE0R5C1NO	MARUWA	CHIP CAP 0.5PF(SIZE 603)	C8,89,126,129,132,144,148,149
42	3	CE020C1NO	MARUWA	CHIP CAP 2PF (SIZE 603)	C26,93,109
43	1	MCH185A030CK	ROHM	CHIP CAP 3PF (SIZE 603)	C134
44	6	MCH185A050CK	ROHM	CHIP CAP 5PF(SIZE 603)	C54,57,59,124,133,138
45	12	MCH185A070DK	ROHM	CHIP CAP 7PF(SIZE 603)	C41,42,43,44,45,55,77,95,117,118,135,
					143
46	2	MCH185A100DK	ROHM	CHIP CAP 10PF (SIZE 603)	C81,82
47	9	MCH185A220JK	ROHM	CHIP CAP 22PF(SIZE 603)	C84,85,96,120,123,136,137,141,146
48	1	MCH185A330JK	ROHM	CHIP CAP 33PF(SIZE 603)	C90
49	1	MCH185A680JK	ROHM	CHIP CAP 68PF (SIZE 603)	C28
50	12	MCH185A101JK	ROHM	CHIP CAP 100PF(SIZE 603)	C12,21,23,29,30,73,107,114,115,
					119,127,128
51	1	MCH185A151JK	ROHM	CHIP CAP 150PF (SIZE 603)	C40
52	10	CE221J1NO	MARUWA	CHIP CAP 220PF (SIZE 603)	C56,60,68,79,80,86,87,139,140,142
53	1	CE271J1NO	MARUWA	CHIP CAP 270PF(SIZE 603)	C88
54	1	JZ060	VOLTRONICS	TRIMMER CAP 6PF	C125
55	1	RC1608J000CS	SAMSUNG	0 OHM CHIP REGISTOR(SIZE 603)	R70
56	2	RC1608J100CS	SAMSUNG	10 OHM CHIP RES. (SIZE 603)	R46,47
57	1	RC1608J220CS	SAMSUNG	22 OHM CHIP RES. (SIZE 603)	R63
58	2	MCR03J330	ROHM	33 OHM CHIP RES.(SIZE 603)	R42,50
59	1	MCR03J390	ROHM	39 OHM CHIP RES.(SIZE 603)	R10

60	1	RC1608F49R9CS	SAMSUNG	49.9 OHM CHIP RES.(SIZE 603)	R35
61	1	ERJ-3GSYJ560	PANASONIC	56 OHM CHIP RES 0603	R28
62	7	RM73B1J101J	KOA	100 OHM CHIP RES.(SIZE 603)	R33,34,43,45,58,66,75
63	4	9C06031A1240FKHFT	PHYCOMP	124 OHM CHIP RES.(SIZE 603)	R23,24,29,30
64	3	RC1608F1500CS	SAMSUNG	150 OHM CHIP RES.(SIZE 603)	R37,39,41
65	4	9C06031A1800JLHFT	PHYCOMP	180 OHM CHIP RES.(SIZE 603)	R1,2,56,57
67	2	CRCW0603-271JRT1	DALE	270 OHM CHIP RES.(SIZE 603)	R67,68
68	1	ERJ-3GSYJ331	PANASONIC	330 OHM CHIP RES (SIZE 603)	R52
69	3	PC06031A3900JLHFT	PHYCOMP	390 OHM CHIP RES.(SIZE 603)	R55,64,69
71	2	9C06031A5360FKHFT	PHYCOMP	536 OHM CHIP RES.(SIZE 603)	R25,31
72	1	ERJ-3GSYJ561	PANASONIC	560 OHM CHIP RES (SIZE 603)	R13
73	2	9C06031A6800JLHFT	PHYCOMP	680 OHM CHIP RES.(SIZE 603)	R11,14
74	1	9C06031A8200JLHFT	PHYCOMP	820 OHM CHIP RES.(SIZE 603)	R38
75	11	RM73B1J102J	KOA	1 KOHM CHIP RES.(SIZE 603)	R3,7,8,15,27,36,40,51,72,73,74
76	1	RM73B1J22J	KOA	1.2KOHM CHIP RES (SIZE 603)	R71
77	2	RM73B1J152J	KOA	1.5 KOHM CHIP RES.(SIZE 603)	R5,12
78	1	RM73B1J202J	KOA	2 KOHM CHIP RES.(SIZE 603)	R44
79	2	RM73B1J332J	KOA	3.2 KOHM CHIP RES.(SIZE 603)	R48,49
80	1	RC1608F4021CS	SAMSUNG	4.02 KOHM CHIP RES.(SIZE 603)	R65
81	4	9C06031A470JLHFT	PHYCOMP	4.7 KOHM CHIP RES.(SIZE 603)	R53,54,61,62
82	1	RC1608F9531CS	SAMSUNG	9.53 KOHM CHIP RES.(SIZE 603)	R6
83	1	RM73B1J103J	KOA	10 KOHM CHIP RES.(SIZE 603)	R16
84	1	9C06031A1152FKRFT	PHYCOMP	11.5 KOHM CHIP RES.(SIZE 603)	R4
85	1	9C06031A1212FKRFT	PHYCOMP	12.1 KOHM CHIP RES (SIZE 603)	R22
86	2	9C06031A1912FKHFT	PHYCOMP	19.1 KOHM CHIP RES (SIZE 603)	R21,20
87	1	ST3A501	B C COMP	500 OHM POT SMD	VR1
88	2	135-3711-801	JOHNSON	SMD RF CONNECTOR MMCX	
89	1		GRE	SHIELD CASE	
90	1		EMI	ARC SHIELD YT-721-1-24	
91	1	SFML-125-T1-S-D-A	SAMTEC	50 PIN C/F CONNECTOR	
92	1	2011-3	ICPC	PCB	
94	1		GRE	MODEL&FCC LABEL	
95	1	GR-d 3.5	FIJIPOLY	HEAT SINC PAD35X15X3.5mm	