

	A	B	C	D	E	F	G	K	L	M
1	DF-101 RF BOARD									
2	No.	Part No.	Parts Name	Description	Value	Reference No.	Qty	anufactur	Dealer	
3										
4										
5										
6	1	35-381-001-0	RF PCB	MULTI-LAYER	47X38.5X1t		1			
7	2	13-230-012-0	PLL I.C		TB31202FN	U401	1	TOSHIBA	신광	
8	3	13-230-007-0	IF I.C		KA3361B	U1	1	SAMSUNG	삼테크	
9	4	10-230-008-0	POWER TRANSISTOR		AT-31625	Q203	1	HP	PENWEST	
10	5		CHIP TRANSISTOR	SOT-23	2SC4082	Q103	1	ROHM	ROHM	
11	6	10-230-001-0	CHIP TRANSISTOR	SOT-23	2SC3356(R24)	Q101 Q102	5	NEC		
12						Q201 Q202 Q301				
13	7	11-630-002-0	CHIP DIODE		1SV229	D302	1	TOSHIBA		
14	8	11-230-005-0	CHIP DIODE		KDS114	D101 D201	6	KEC	세인	
15						D202 D203				
16						D301 D401				
17	9	11-230-006-0	CHIP DIODE		1SS355	D204 D402	2	ROHM	ROHM	
18	10	11-230-007-0	CHIP DIODE	SOT-323	DA204U	D1 D102	2	ROHM	ROHM	
19	11	11-230-008-0	CHIP DIODE	SOT-323	DAP202U	D2	1	ROHM	ROHM	
20	13	03-333-104-0	CHIP CAPACITOR	MCH182F104Z	100N	C6 C7 C12	3	ROHM	ROHM	
21	14	03-331-101-0	CHIP CAPACITOR	MCH185A101J	100P	C14 C215	4	ROHM	ROHM	
22						C315 C316				
23	15	03-333-103-0	CHIP CAPACITOR	MCH185F103Z	10N	C119 C221	2	ROHM	ROHM	
24	16	03-331-100-0	CHIP CAPACITOR	MCH185A100D	10P	C211 C305 C306	3	ROHM	ROHM	
25	17	03-331-120-0	CHIP CAPACITOR	MCH185A120J	12P	C210 C213	2	ROHM	ROHM	
26	18	03-331-150-0	CHIP CAPACITOR	MCH185A150J	15P	C203 C206	2	ROHM	ROHM	
27	19	03-332-102-0	CHIP CAPACITOR	MCH185C102K	1N	C3 C5 C9 C16 C18	16	ROHM	ROHM	
28						C111 C112 C115				
29						C116 C120 C202				
30						C218 C219 C220				
31						C222 C401				

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	A	B	C	D	E	F	G	K	L	M
32	No.	Part No.	Parts Name	Description	Value	Reference No.	Qty	anufactur	Dealer	
33	20	03-331-010-0	CHIP CAPACITOR	MCH185A010C	1P	CC307 C324	2	ROHM	ROHM	
34	21	03-331-020-0	CHIP CAPACITOR	MCH185A020C	2P	C414	1	ROHM	ROHM	
35	22	03-333-104-0	CHIP CAPACITOR	GRM39Y5V105Z	1U	C13 C217	4	MURATA	아성	
36						C304 C400				
37	23	03-331-221-0	CHIP CAPACITOR	MCH185A221J	220P	C110 C205 C209	5	ROHM	ROHM	
38						C302 C413				
39	24	03-332-223-0	CHIP CAPACITOR	MCH182C223K	22N	C408	1	ROHM	ROHM	
40	25	03-331-220-0	CHIP CAPACITOR	MCH185A220J	22P	C117	1	ROHM	ROHM	
41	27	03-331-3R3-0	CHIP CAPACITOR		3.3P	C310	1	ROHM	ROHM	
42	28	03-331-3R5-0	CHIP CAPACITOR		3.5P	C223 C224	2	ROHM	ROHM	
43	29	03-331-300-0	CHIP CAPACITOR	MCH185A300J	30P	C412	1	ROHM	ROHM	
44	30	03-332-333-0	CHIP CAPACITOR	MCH182C333K	33N	C406	1	ROHM	ROHM	
45	31	03-331-390-0	CHIP CAPACITOR	MCH185A390J	39P	C11 C411	2	ROHM	ROHM	
46	32	03-331-030-0	CHIP CAPACITOR	MCH185A030C	3P	C201 C214 C308	3	ROHM	ROHM	
47	33	03-331-471-0	CHIP CAPACITOR	MCH185A471J	470P	C216 C312	2	ROHM	ROHM	
48	34	03-332-473-0	CHIP CAPACITOR	MCH182C473K	47N	C8	1	ROHM	ROHM	
49	34	03-331-470-0	CHIP CAPACITOR	MCH185A470J	47P	C1 C204	2	ROHM	ROHM	
50	35	03-331-560-0	CHIP CAPACITOR	MCH185A560J	56P	C101 C311	3	ROHM	ROHM	
51	36	03-331-050-0	CHIP CAPACITOR	MCH185A050C	5P	C207 C227 C309	3	ROHM	ROHM	
52	37	03-331-680-0	CHIP CAPACITOR	MCH185A680J	68P	C409	1	ROHM	ROHM	
53	38	03-331-060-0	CHIP CAPACITOR	MCH185A060D	6P	C114 C314 C410	3	ROHM	ROHM	
54	39	04-222-226-0	TANTALUM CAP		22/6T	C4 C10 C301	3	HITACHI		
55	40	04-222-335-0	TANTALUM CAP		3.3/6T	C407	1	HITACHI		
56	41	01-662-000-0	CHIP RESISTOR	MCR03-EZH-000	0	R112 R210 R213	3	ROHM	ROHM	
57	42	01-662-102-0	CHIP RESISTOR	MCR03-EZH-000	1K	R203 R206	4	ROHM	ROHM	
58						R211 R305				
59	43	01-662-152-0	CHIP RESISTOR	MCR03-EZH-152	1.5K	R209 R217 R412	3	ROHM	ROHM	
60	45	01-662-100-0	CHIP RESISTOR	MCR03-EZH-100	10	R116 R205	2	ROHM	ROHM	
61	46	01-662-101-0	CHIP RESISTOR	MCR03-EZH-101	100	R12	1	ROHM	ROHM	
62	47	01-662-103-0	CHIP RESISTOR	MCR03-EZH-103	10K	R1 R3 R101	5	ROHM	ROHM	
63						R204 R302				

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	A	B	C	D	E	F	G	K	L	M
	No.	Part No.	Parts Name	Description	Value	Reference No.	Qty	anufactur	Dealer	
64										
65	48	01-662-121-0	CHIP RESISTOR	MCR03-EZH-121	120	R303	1	ROHM	ROHM	
66	50	01-662-153-0	CHIP RESISTOR	MCR03-EZH-153	15K	R8 R304	2	ROHM	ROHM	
67	51	01-662-183-0	CHIP RESISTOR	MCR03-EZH-183	18K	R110 R202	2	ROHM	ROHM	
68	52	01-662-222-0	CHIP RESISTOR	MCR03-EZH-222	2.2K	R214 R218 R308	3	ROHM	ROHM	
69	53	01-662-225-0	CHIP RESISTOR	MCR03-EZH-225	2.2M	R6	1		ROHM	
70	54	01-662-272-0	CHIP RESISTOR	MCR03-EZH-272	2.7K	R119 R216	2	ROHM	ROHM	
71	55	01-662-220-0	CHIP RESISTOR	MCR03-EZH-220	22	R201 R307	2	ROHM	ROHM	
72	56	01-662-223-0	CHIP RESISTOR	MCR03-EZH-223	22K	R4 R407	2	ROHM	ROHM	
73	57	01-662-274-0	CHIP RESISTOR	MCR03-EZH-274	270K	R118	1	ROHM	ROHM	
74	58	01-662-391-0	CHIP RESISTOR	MCR03-EZH-391	33	R401	1	ROHM	ROHM	
75	59	01-662-394-0	CHIP RESISTOR	MCR03-EZH-394	390K	R310	1	ROHM	ROHM	
76	60	01-662-472-0	CHIP RESISTOR	MCR03-EZH-472	4.7K	R9 R212 R406	3	ROHM	ROHM	
77	61	01-662-470-0	CHIP RESISTOR	MCR03-EZH-470	47	R301	1	ROHM	ROHM	
78	62	01-662-471-0	CHIP RESISTOR	MCR03-EZH-471	470	R109	1	ROHM	ROHM	
79	63	01-662-473-0	CHIP RESISTOR	MCR03-EZH-473	47K	R5	1	ROHM	ROHM	
80	64	01-662-562-0	CHIP RESISTOR	MCR03-EZH-562	5.6K	R2 R111 R115	3	ROHM	ROHM	
81	65	01-662-561-0	CHIP RESISTOR	MCR03-EZH-561	560	R113	1	ROHM	ROHM	
82	66	01-662-682-0	CHIP RESISTOR	MCR03-EZH-682	6.8K	R102	1	ROHM	ROHM	
83	67	01-662-821-0	CHIP RESISTOR	MCR03-EZH-821	820	R117 R219	2	ROHM	ROHM	
84	68	05-210-100-0	TRIMMER	TZC03Z100A110	10P	CV401	1	MURATA	아성	
85	69	05-210-060-0	TRIMMER	TZC03Z060A110	6P	CV301	1	MURATA	아성	
86	70	08-430-822-0	CHIP COIL	LQG11A8N2J00T1M05-01	8.2NH	L101 L202 L204	5	MURATA	아성	
87						L206 L209				
88	71	08-530-183-0	CHIP COIL	LQG11A18NJ00T1M05-01	18NH	L102 L103 L201	3	MURATA	아성	
89	72	08-530-223-0	CHIP COIL	LQG11A22NJ00T1M05-01	22NH	L301	1	MURATA	아성	
90	73	08-530-104-0	CHIP COIL	LQG11AR10J00-T1M05-01	100NH	L203 L303 L304	3	MURATA	아성	
91	74		CHIP COIL(0805)	LQG21NR47K10T1M00-01	470NH	L207	1	MURATA	아성	
92	75	08-530-006-0	CHIP COIL(권선형)		2.2UH	L104	1	FASTRON	세광	
93	76	28-130-006-0	CONNECTOR	F127-F-16DSG(SMD)	16 PIN MALE(SMD)	CON1-M	1	화인	화인	

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94	No.	Part No.	Parts Name	Description	Value	Reference No.	Qty	anufactur	Dealer	
95										
96			RF BOARD MANUAL ASS'Y							
97	1	17-610-001-0	X-TAL	21.25TEW9F	21.250MHz	X401	1	TOKYO DENPA	KTD	
98	2	09-210-002-1	X-TAL FILTER		21.7MHz	F102	1	HERZ		
99	3	09-410-008-0	SAW FILTER(DIP)		F465B	F101	1	CQ	K.C	
100	4	09-110-006-0	CERAMIC FILTER		LTM450HT	F1	1	CQ	K.C	
101	5	08-110-005-0	IFT		IFT/450K	T1	1	SANHA	산하	
102	6		AIR COIL(SMD)		0.5X1.2X3T	L302	1	SANHA	산하	
103	7	18-210-003-0	TACT SWITCH	KTP-1101VA	120g	SW1 SW2	2		금강	
104	8		CONNECTOR		2PIN MALE(HOLE)	CON2-M	1	화인	화인	

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DF-101 LOGIC

No	Part No	Part Name	Description	Value	Reference No	Qty	Manufacture	Vendor	Notes
LOGIC BOARD SMD ASS'Y									
1	35-342-001-0	LOGIC PCB	FR-4	49.25X88.5X1t		1	우성	우성	
2		MCU		HD404889	U901	1	HITACHI	석영	
3	13-210-105-0	OP-AMP		BA10324AF	U701 U801	2	SAMSUNG	삼테크	
4	13-230-010-0	AUDIO AMP		KA386BD	U602	1	SAMSUNG	삼테크	
5	13-210-104-0	SWITCHING I.C		BU4066BCF	U601	1	ROHM	ROHM	
6	13-230-011-0	REGULATOR I.C		R1120N421B-TR	U503	1	RICOH	아시아디자인	
7		EEP-ROM		24C02	U902	1	CATALIST		
8	10-230-004-0	CHIP TRANSISTOR	SOT-323	2SC4081	Q903 Q904	2	ROHM	ROHM	
9	10-230-003-0	CHIP TRANSISTOR	SOT-323	DTC143ZUA	Q504 Q506 Q507	5	ROHM	ROHM	
					Q602 Q901				
10	10-230-002-0	CHIP TRANSISTOR	SOT-323	DTA143ZUA	Q501 Q502 Q503	6	ROHM	ROHM	
					Q601 Q603 Q604				
11	10-230-007-0	CHIP DIODE	SOT-323	DAP202U	D501 D601	6	ROHM	ROHM	
					D701 D904				
					D906 D908				
12		CHIP DIODE	SOD-323	1SS355	D901 D909	2	ROHM	ROHM	
13		ZENER DIODE		전압변정	D503	1			
14	03-333-104-0	CHIP CAPACITOR	MCH182F104Z	100N	C503 C608 C613	13	ROHM	ROHM	
					C617 C623 C701				
					C723 C901 C907				
					C908 C916 C917				
					C918				
15	03-331-101-0	CHIP CAPACITOR	MCH185A101J	100P	C713	1	ROHM	ROHM	
16	03-333-103-0	CHIP CAPACITOR	MCH185F103Z	10N	C509 C512 C514	10	ROHM	ROHM	
					C603 C605 C612				
					C621 C626 C814				
					C919				

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No	Part No	Parts Name	Description	Value	Reference No.	Qty	Manufacture	Vendor	Note
17	03-332-153-0	CHIP CAPACITOR	MCH182C153K	15N	C709	1	ROHM	ROHM	
18	03-332-183-0	CHIP CAPACITOR	MCH182C183K	18N	C718 C719	4	ROHM	ROHM	
					C721 C722				
19	03-332-102-0	CHIP CAPACITOR	MCH185C102K	1N	C507 C508 C511	15	ROHM	ROHM	
					C513 C601 C610				
					C614 C615 C616				
					C628 C704 C705				
					C714 C724 C921				
20	03-333-105-0	CHIP CAPACITOR	GRM39Y5V105Z	1U	C602 C606 C607 C611	14	MURATA	아성	
					C618 C707 C708				
					C727 C812 C906				
					C922 C924 C925 C926				
21	03-333-474-0	CHIP CAPACITOR	GRM39Y5V474Z	470N	C706	1	MURATA	아성	
22	03-332-222-0	CHIP CAPACITOR	MCH185C222K	2.2N	C712	1	ROHM	ROHM	
23	03-332-223-0	CHIP CAPACITOR	MCH182C223K	22N	C604 C627	2	ROHM	ROHM	
24	03-332-273-0	CHIP CAPACITOR	MCH182C273K	27N	C711 C716	3	ROHM	ROHM	
					C909				
25	03-331-300-0	CHIP CAPACITOR	MCH185A300J	30P	C903 C904	2	ROHM	ROHM	
26	03-332-472-0	CHIP CAPACITOR	MCH185C472K	4.7N	C726	1	ROHM	ROHM	
27	03-331-471-0	CHIP CAPACITOR	MCH185A471J	470P	C501 C805	2	ROHM	ROHM	
28	03-333-473-0	CHIP CAPACITOR	MCH182F473Z	47N	C801 C802 C803	9	ROHM	ROHM	
					C804 C806 C807				
					C808 C809 C811				
29	03-332-561-0	CHIP CAPACITOR	MCH185C561K	560P	C816	1	ROHM	ROHM	
30	03-332-563-0	CHIP CAPACITOR	MCH183C563K	56N	C815	1	ROHM	ROHM	
31	04-222-106-0	TANTALUM CAP		10/6T	C609 C622	3	HITACHI		
					C902				
32	04-222-226-0	TANTALUM CAP		22/6T	C504 C506 C625	5	HITACHI		
					C702 C703				
33	01-642-000-3	CHIP RESISTOR	MCR03-EZH-000	0	R608 R728 R801	6	ROHM	ROHM	
					R936 R948 R935				
34	01-642-125-3	CHIP RESISTOR	MCR03-EZH-125	1.2M	R729	1	ROHM	ROHM	
35	01-642-152-3	CHIP RESISTOR	MCR03-EZH-152	1.5K	R806	1	ROHM	ROHM	
36	01-642-100-3	CHIP RESISTOR	MCR03-EZH-100	10	R614	1	ROHM	ROHM	
37	01-642-101-3	CHIP RESISTOR	MCR03-EZH-101	100	R616 R912	2	ROHM	ROHM	

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No	Part No	Parts Name	Description	Value	References No.	Qty	Manufacture	Vendor	Note
38	01-642-104-3	CHIP RESISTOR	MCR03-EZH-104	100K	R505 R727 R907	25	ROHM	ROHM	
					R706 R707 R708				
					R908 R913 R914				
					R916 R917 R918				
					R919 R921 R922				
					R923 R929 R931				
					R932 R943 R944				
					R946 R958R959				
					R963				
39	01-642-103-3	CHIP RESISTOR	MCR03-EZH-103	10K	R607 R701 R724	13	ROHM	ROHM	
					R814 R815 R816				
					R817 R901 R902				
					R949 R951 R952 R954				
40	01-642-153-3	CHIP RESISTOR	MCR03-EZH-153	15K	R718 R719	5	ROHM	ROHM	
					R721 R722 R723				
41	01-642-183-3	CHIP RESISTOR	MCR03-EZH-183	18K	R809 R811	4	ROHM	ROHM	
					R812 R813				
42	01-642-102-3	CHIP RESISTOR	MCR03-EZH-102	1K	R607 R612	2	ROHM	ROHM	
43	01-642-105-3	CHIP RESISTOR	MCR03-EZH-105	1M	R807 R906 R956	3	ROHM	ROHM	
44	01-642-222-3	CHIP RESISTOR	MCR03-EZH-222	2.2K	R603 R605 R957	3	ROHM	ROHM	
45	01-642-242-3	CHIP RESISTOR	MCR03-EZH-242	2.4K	R803	1	ROHM	ROHM	
46	01-642-223-3	CHIP RESISTOR	MCR03-EZH-223	2.2M	R704	1	ROHM	ROHM	
47	01-642-224-3	CHIP RESISTOR	MCR03-EZH-224	220K	R703 R709 R726	3	ROHM	ROHM	
48	01-642-273-3	CHIP RESISTOR	MCR03-EZH-273	27K	R802	1	ROHM	ROHM	
49	01-642-273-3	CHIP RESISTOR	MCR03-EZH-273	330K	R933	1	ROHM	ROHM	
50	01-642-331-3	CHIP RESISTOR	MCR10-EZH-331	330 1/8W	R501 R502 R503	4	ROHM	ROHM	
					R504				
51	01-642-333-3	CHIP RESISTOR	MCR03-EZH-333	33K	R804 R904	2	ROHM	ROHM	
52	01-642-393-3	CHIP RESISTOR	MCR03-EZH-393	39K	R928 R942	2	ROHM	ROHM	
53	01-642-473-3	CHIP RESISTOR	MCR03-EZH-473	4.7K	R601 R912	2	ROHM	ROHM	R604
54	01-642-473-3	CHIP RESISTOR	MCR03-EZH-473	47K	R609 R905 R909	3	ROHM	ROHM	R604
	01-642-474-3	CHIP RESISTOR	MCR03-EZH-474	470K	R613 C620	2	ROHM	ROHM	
55	01-642-682-3	CHIP RESISTOR	MCR03-EZH-682	6.8K	R615 R702	2	ROHM	ROHM	
56	01-642-683-3	CHIP RESISTOR	MCR03-EZH-683	68K	R924 R926	7	ROHM	ROHM	
					R927 R938 R939				
					R941 R962				

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No	Part No	Parts Name	Description	Value	Reference No.	Qty	Manufacture	Vendor	Note
57	01-642-823-3	CHIP RESISTOR	MCR03-EZH-823	82K	R610 R808	2	ROHM	ROHM	
58	01-642-913-3	CHIP RESISTOR	MCR03-EZH-913	91K	R712 R713 R714	5	ROHM	ROHM	
					R716 R717				
59	24-420-223-0	THERMISTOR	NTH5G16P39B223J07TH	22K/TH	R903	1	MURATA	아성	
60	28-150-001-0	HEADER PIN SOCKET	F127-M-16DSG(SMD)	16PIN FEMALE	CON1-F	1		화인	
		HEADER PIN SOCKET		2PIN FEMALE	CON2-F	1		화인	

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No	Part No	Parts Name	Description	Value	Reference No	Qty	Manufacture	Vendor	Note
LOGIC BOARD MANUAL ASS'Y									
1	15-210-008-0	LCD	AT4496AZT	LCD	LCD1	1	McGUIDE	해인	
2	16-230-005-0	CHIP LED	MSMC-S690	LED	D903	1	HP	PENWEST	
3	06-113-476-0	ELECTRIC CAP	5X7	47/16	C502	1		세인	
4	06-113-107-0	ELECTRIC CAP	5X11	100/10T	C619	1		세인	
5	31-610-001-0	2.5PIE	SHQ 8897-01-510	MIC JACK	MIC2	1	HOSIDEN	HOSIDEN	
6	31-510-001-0	3.5PIE	SHQ 8506-01-010	SPEAKER JACK	SP2	1	HOSIDEN	HOSIDEN	
7	22-510-003-0	SPEAKER	MS-3600W	8ohm	SP1	1	거산	거산	
8	36-XXX-001-0	VOLUME SWITCH	KKPNS 0915SP B20K	20KB	VR601	1	태흥	금강	
9		CONDENSOR MIC	6PIE	C-MIC	MIC1	1	서강	서강	
10	17-710-001-0	X-TAL	MC-49/US	3.579545MHz	X901	1	SUNNY	신광	

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