DM8500 400-480MHZ BOM

NO.	Type Name	Parts No.	Description				Standard
1	RF BOARD					1	DM8500-RF-3.0
2	Chip Resistor		0R	0402	±5%	23	R57 R27 R522 R345 R340
	Chip Resistor		10R	0402	±5%	1	R517
3	Chip Resistor		18R	0402	±5%	1	R324
4	Chip Resistor		22R	0402	±5%	2	R325 R52
5	Chip Resistor		47R	0402	±5%	2	R56 R315
6	Chip Resistor		100R	0402	±5%	1	R523
7	Chip Resistor		220R	0402	±5%	1	R58
8	Chip Resistor		270R	0402	±5%	2	R335 R308
9	Chip Resistor		300R	0402	±5%	2	R331 R330
10	Chip Resistor		1K	0402	±5%	5	R55 R12 R525 R310 R30
11	Chip Resistor		1.5K	0402	±5%	2	R318 R32
12	Chip Resistor		2.2K	0402	±5%	1	R18
13	Chip Resistor		4.7K	0402	±5%	7	R60 R59 R321 R124 R123
14	Chip Resistor		5.1K	0402	±5%	1	R338
15	Chip Resistor		5.6K	0402	±5%	1	FB503
16	Chip Resistor		6.8K	0402	±5%	4	R61 R326 R317 R33
17	Chip Resistor		10K	0402	±5%	26	R14 R288 R287 R515 R346
18	Chip Resistor		15K	0402	±5%	2	R320 R286
19	Chip Resistor		16K	0402	±5%	2	R280 R281
20	Chip Resistor		22K	0402	±5%	1	R15
21	Chip Resistor		30K	0402	±5%	3	R285 R512
22	Chip Resistor		33K	0402	±5%	1	R336
23	Chip Resistor		47K	0402	±5%	6	R323 R528 R526 R242 R231
24	Chip Resistor		62K	0402	±5%	1	R513
25	Chip Resistor		100K	0402	±5%	8	R63 R511 R444 R443 R429
26	Chip Resistor		130K	0402	±5%	1	R62
27	Chip Resistor		200K	0402	±5%	4	R343 R341 R337 R333
28	Chip Resistor		470K	0402	±5%	2	R524 R518
29	Chip Resistor		1M	0402	±5%	2	R65 R64
30	Chip Resistor		2M	0402	±5%	2	R344 R334
31	Chip Capacitors	1H1R5B	1.5P	0402	±0.1PF	2	C568 C579
32	Chip Capacitors	1H2R0B	2P	0402	±0.1PF	1	C583
	Chip Capacitors	1H2R5B	2.5P	0402	±0.1PF	1	C565
	Chip Capacitors	1H5R0C	5P	0402	±0.25PF	3	C561 C557 C564
34	Chip Capacitors	1H6R0C	6P	0402	±0.25PF	2	C566 C449
35	Chip Capacitors	1H7R0C	7P	0402	±0.25PF	3	C33 C552 C551
36	Chip Capacitors	1H100J	10P	0402	±5%	3	C275 C570 C516
37	Chip Capacitors	1H120J	12P	0402	±5%	2	C120 C119
38	Chip Capacitors	1H330J	33P	0402	±5%	1	C567
39	Chip Capacitors	1H470J	47P	0402	±5%	3	C477 C266 R11
40	Chip Capacitors	1H560J	56P	0402	±5%	1	C21
41	Chip Capacitors	1H680J	68P	0402	±5%	1	C638
42	Chip Capacitors	1H101J	100P	0402	±5%	22	C6421 C650 C632 C493 C19
43	Chip Capacitors	1H102K	102P	0402	±10%	10	C655 C274 C272 C524 C459
44	Chip Capacitors	1H103K	103P	0402	±10%	22	C324 C43 C539 C534 C515
45	Chip Capacitors	1H104K	104P	0402	±10%	46	C278 C649 C631 C530 C463
46	Chip Capacitors	1H105K	105P	0402	±10%	21	C475 C366 C34 C538 C313
47	Chip Capacitors	1H106K	106P	0402	±10%	1	C323
48	Chip Capacitors	1H222K	222P	0402	±10%	1	C260
49	Chip Capacitors	1H471K	470P	0402	±10%	11	C10 C470 C543 C533 C523
50	Chip Resistor		R39	1206	±5%	3	R40 R39 R38
51	Chip Resistor		0R	0603	±5%	2	L310 D506
51	Chip Resistor		0R	0805	±5%	2	L304 L34
52	Chip Resistor		56R	0603	±5%	0	
	Chip Resistor		100R	0603	±5%	1	L314
53	Chip Resistor		10K	0603	±5%	1	C335

54	Chip Capacitors	1H1R0B	1P	0603	±0.1PF	2	C402 C401
55	Chip Capacitors	1H1R5B	1.5P	0603	±0.1PF	2	C329 C328
56	Chip Capacitors	1H2R0B	2P	0603	±0.1PF	1	C327
57	Chip Capacitors	1H3R0B	3P	0603	±0.1PF	1	C581
58	Chip Capacitors	1H4R0B	4P	0603	±0.1PF	4	C403 C582 C358 C334
59	Chip Capacitors	1H6R0B	6P	0603	±0.1PF	1	C363
60	Chip Capacitors	1H7R0C	7P	0603	±0.25PF	2	C347 C418
61	Chip Capacitors	1H120J	12P	0603	±5%	1	C439
62	Chip Capacitors	1H240J	24P	0603	±5%	1	C404
63	Chip Capacitors	1H270J	27P	0603	±5%	1	C424
64	Chip Capacitors	1H330J	33P	0603	±5%	1	C332
65	Chip Capacitors	1H101J	100P	0603	±10%	1	C333
66	Chip Capacitors	1H102K	102P	0603	±10%	1	R312
67	Chip Capacitors	1H102K	102P	0805	±10%	0	
68	Chip Capacitors	1H104K	104P	0603	±10%	1	C633
69	Chip Capacitors	1H105K	105P	0603	±10%	1	C525
70	Chip Inductance		2.2NH	0603	±1%	1	C397
71	Chip Inductance		18NH	0603	±1%	1	L404
72	Chip Inductance		22NH	0603	±1%	1	L309
73	Winding Inductance		10NHL	0805		2	L411 L410
74	Winding Inductance		12NHL	0805		2	L409 L408
75	Winding Inductance		180NHL	0603		1	L1
76	Winding Inductance		220NHL	0805		1	L308
77	BEADS		FB600	0603		1	FB501
79	BEADS		220R@100MHz	0402	±10%	9	FB205 FB204 FB306 FB1
80	BEADS		600R@100MHz	0603	±10%	5	FB502 FB304 FB303 FB302
81	BEADS		600R@100MHz	0805	±10%	1	FB307
82	Power Inductance		SWPA3012S470MT	2828	±1%	1	L201
83	Power Inductance		10UH	2828		1	L510
84	Winding Inductance		1R0L	1008		1	L313
85	ELECTROLYSIS		22UF/16V	1206B	±20%	1	E1
	ELECTROLYSIS		1UF/10V	0805	±20%	2	C16 C14
86	ELECTROLYSIS		10UF/10V	0805	±20%	16	C654 C652 C642 C232 E2
87	ELECTROLYSIS		22UF/10V	0805	±20%	2	C651 C636
88	Coil Inductanc		0.35*1.6*2T			0	
89	Coil Inductanc		0.4*1.5*4T	4T		4	L403 L306 L305 L307
90	Coil Inductanc		0.35*1.5*8T	8T		1	L311
91	DIODE		UD	0603		3	D3 D409 D408
92	DIODE		IN4148WT	SOD-523		4	D504 D503 D502 D501
93	DIODE		HVC131	0603		0	
94	DIODE		HVU131	0805		2	D302 D301
95	DIODE		MMSZ5240B	SOD-123		1	D505
96	DIODE		SD12CT1G	SOD-323	PESD3V3L1BA	1	D2
97	Bias Resistor Transistor		DTC114EE	SOT-523		1	Q501
98	Bias Resistor Transistor		2SC3356	SOT-23		1	U305
99	DIODE		B0	0603	SOD-523A	4	D407 D406 D405 D404
100	silicon transistor		UMC4	SC-88A		1	Q304
101	MOSFET		2SK3078	SC-62		1	Q306
102	N-Channel MOSFET		RQA0009	SC-62		1	Q305
103	INTEGRATION		AD8566	RM-8		1	U307
104	INTEGRATION		ALPU-MP	SOT-23L		1	U104
105	INTEGRATION		HR_C6000	QFP-0.4-80		1	U201
106	INTEGRATION		TA75W01FU	SSOP8		1	U204
107	INTEGRATION		Si3407DV	SOT-23L		1	U503
108	INTEGRATION		NLAS4157DFT2G	SC70		2	U1 U205
109	INTEGRATION		SGM721XN5/TR	SOT23-5		2	U504 U202
110	INTEGRATION		XC6204B332MR	SOT23-5		2	U502 U302
111	INTEGRATION		XC6204B502MR	SOT23-5		3	U303 Q303 Q302

112	INTEGRATION		M25PE16-VMW6G	SOIC-8		1	U103
113	INTEGRATION		RDA1846S	QFN-0.5-32		1	U304
114	INTEGRATION		TPS62050DGS			1	U501
115	INTEGRATION		AT-41511	SOT-143		1	Q1
117	CRYSTAL		12.288MHz	SO3235		1	X201
118	CRYSTAL		26MHz DSB321SDA	SO3235		1	X301
119	CRYSTAL		32.768KHz	S3215		1	X101
120	ROW Seat		30PIN			1	J503
122	ANT		SMA-KE-41C			1	A301
123	MICROPHONE		DCZM6027PN45MM			1	M501
124	Headphones Seat		Φ3.5		6188	1	J501
125	Headphones Seat		Φ2.5		6188	1	J502
126	The Battery Contace Plate		DIANCHIZUO			1	S501
127	Winding		1508DM30FPC-2.0			1	
128	KEY		TS-1138EN		688	1	K1
129	KEY		ALPS	SKRTLAE010		2	K2 K3
1	Chip Resistor		100R	0402	±5%	0	
1	Chip Resistor		1K	0402	±5%	6	R25 R489 R490 R491 R495
2	Chip Resistor		100K	0402	±5%	1	R494
3	Chip Capacitors	1H220J	22P	0402	±5%	1	C602
4	Chip Capacitors	1H240J	24P	0402	±5%	1	C607
5	Chip Capacitors	1H270J	27P	0402	±5%	1	C604
6	Chip Capacitors	1H330J	33P	0402	±5%	1	C603
7	Chip Capacitors	1H560J	56P	0402	±5%	1	C599
8	Chip Capacitors	1H680J	68P	0402	±5%	1	C601
9	Chip Capacitors	1H101J	100P	0402	±5%	1	C596
10	Chip Capacitors	1H103K	103P	0402	±10%	1	C595
11	Chip Capacitors	1H104K	104P	0402	±10%	3	C592 C593 C594
12	Chip Inductance		100NH	0603	±1%	2	L418 L420
13	Chip Inductance		220NH	0603	±1%	2	L416 L417
14	Winding Inductance		220NHL	0805	±1%	1	L415
15	Bias Resistor Transistor		DTA114EE-P	SOT-523A		1	Q404
16	Bias Resistor Transistor	NPN Transistor	2SC4226	SOT323B		1	Q405
17	INTEGRATION		RDA5802N	QFN-0.5-24		1	U401
18	CRYSTAL		32.768KHz	S3215		1	X401
19	Chip Resistor		100R	0402	±5%	1	R114
20	Chip Resistor		100K	0402	±5%	2	R105 R111
21	Chip Capacitors	1H104K	104P	0402	±10%	1	C125
22	SC		DMS3R3304	6.8*1.4		1	C121
23	DIODE		IN4148WT	SOD-523		2	D101 D102
1	Chip Resistor		1K	0402	±5%	1	R19
24	ROW Seat		16芯			1	J504
162	Winding		1508DM16FPC-2.0			1	

TFT Board BOM

NO.	Type Name	Parts No.	Description			Standard	Remark
1	TFT BOARD					DM8500-TFT-3.0	
2	Chip Resistor	RK73HB1J000J	0R	CHIP R 0402	5	R18 R61 R39 R40	
3	Chip Resistor	RK73HB1J101J	100R	CHIP R 0402	1	R9	
4	Chip Resistor	RK73HB1J221J	220R	CHIP R 0402	1	R43	
5	Chip Resistor	RK73HB1J681J	680R	CHIP R 0402	2	R37 R38	
6	Chip Resistor	RK73HB1J102J	1K	CHIP R 0402	16	R35 R34 R33 R32	
7	Chip Resistor	RK73HB1J152J	1.5K	CHIP R 0402	1	R41	
8	Chip Resistor	RK73HB1J103J	10K	CHIP R 0402	2	R10 R11	
9	Chip Resistor	RK73HB1J203J	20K	CHIP R 0402	1	R15	
10	Chip Resistor	RK73HB1J104J	100K	CHIP R 0402	1	R17	
11	Chip Resistor	RK73HB1J304J	300K	CHIP R 0402	1	R36	

12	Chip Capacitors	CC73HB1H101J	100P	CHIP C 0402	1	C1	
13	Chip Capacitors	CC73HB1H104K	104P	CHIP C 0402	5	C13 C6 C5 C4 C3	
14	Chip Capacitors	CC73HB1H105K	105P	CHIP C 0402	3	C16 C19 C15	
15	Chip Capacitors	CC73HB1H471J	470P	CHIP C 0402	2	C9 C10	
16	Chip Capacitors	RK73FB1J000J	0R	CHIP R 0805	1	R12	
17	BEADS		BLM21PG300SN1D	0805	1	B2	
18	ELECTROLYSIS		100UF/10V	1206C	1	C11	
19	ELECTROLYSIS		10UF/10V	0805	1	C12	
20	Bias Resistor Transistor		DTC114EE	SOT-523	3	Q5 Q6 Q2	
21	INTEGRATION		LM4951ADS	WSON-10	1	U1	
22	LED		GREEN	0603	1	LD2	
23	LED		RED	0603	1	LD1	
24	ROW Seat		30PIN		1	J2	
25	LCD		2.0		1	J1	
26	Volume potentiomter		R08720NS-FE13.8C5.8-A103-0010		1	SW1	
27	Channel potentiomter		ED089030-FE17C8.0-C10-2D0		1	S1	
28	SPEAKER		F36M481B(GP)		1	SP1	

KEY Board BOM

NO.	Type Name	Parts No.	Description			Standard	Remark
1	KEY BOARD				1	DM8500-KEY-2.0	
2	Chip Resistor	RK73HB1J221J	220R	CHIP R 0402	6	R9 R8 R7 R3 R2 R1	
3	Chip Resistor	RK73HB1J331J	330R	CHIP R 0402	2	R17 R16	
4	Chip Capacitors	CC73HB1H101J	100P	CHIP C 0402	3	C10 C11 C12	
5	Bias Resistor Transistor		DTC114EE		1	Q1	
6	LED		ORANGE	0603	3	LD14 LD17 LD18	
7	Snap Dome				1		
8	ROW Seat		16PIN		1	J3	