

900MHz DIGITAL SPREAD SPECTRUM T/R
MODEL : MV-VLP-DS-P

Parts Lists

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No	PART	LOCATION	Q'TY	TYPE
1	ASS'Y,UNIT,BASE STATION			
2	ASS'Y,TENSION TIP,ID - 900TR,IDI4 004 001		2	
3	D/S UNDERID - 900TR,IDI2 003 001		1	
4	D/S COVER,UPPERID - 900TR,IDI2 004 001		1	
5	FOOT,ID - 900TR,IDI4 017 001		2	
6	INDICATOR,ID - 900TR,IDI4 006 001		2	
7	SCREW/TAP,BH,(+),T/T,M2.6X8,BLACK		5	
8	TENSION,ID - 900TR,IDI4 009 001		2	
9	ANT,BAR,HD - 800,BASE,BLACK		1	DIP
10	BASE MAIN PCB			
11	CAP,ELEC,100uF,5X11/2.5,16V,RD	C208,C242	2	DIP
12	CAP,ELEC,10uF,5X11/2.5,16V,RD	C258	1	DIP
13	CAP,ELEC,33uF,5X11/2.5,16V,RD	C216,C257	2	DIP
14	CAP,MYLAR,103,J,50V/ST,RD,	C203	1	DIP
15	CAP,MYLAR,473,J,50V/ST,RD,	C255	1	DIP
16	COIL,1mH,TAPING,AXIAL(04)	L201,L204,	2	DIP
17	COIL,CHOKE,82uH,BK,RD,4PIE X 8H	L208	1	DIP
18	DIODE,RETFY,1N4007S,AX26	D204	1	DIP
19	HEAD,CONN,(-),2200 - DS - FM24	J1	1	DIP
20	HEAD,CONN,53014 - 09,9PIN,2M/M,ST,MOLEX	J2	1	DIP
21	BASE MAIN PCB SMD			
22	CAP,CHIP,101,J,1608,50V/COG	C206,C233,C234,C235	4	SMD
23	CAP,CHIP,103,K,1608,50V/X7R	C240	1	SMD
24	CAP,CHIP,103,K,2012,50V/X7R	C220 ~ C227	8	SMD
25	CAP,CHIP,104,Z,1608,50V/Y5N	C202,C205,C211 ~ C217,C236,C237,C241,C251,C253	14	SMD
26	CAP,CHIP,105,Z,2012,25V/Y5V	C200,C201,C256	3	SMD
27	CAP,CHIP,10uF, TANTAL,A Size 6.3V	C260	1	SMD
28	CAP,CHIP,180,J,1608,50V/COG	C231	1	SMD
29	CAP,CHIP,270,J,1608,50V/COG	C238	1	SMD
30	CAP,CHIP,300,J,1608,50V/COG	C209	1	SMD
31	CAP,CHIP,390,J,1608,50V/COG	C232	1	SMD
32	CAP TRIMMER 20pf CV06	C210	1	SMD
33	DIODE,CHIP,KDS181,SOT23,KEC	D205	1	SMD
34	DIODE,CHIP,LS4148	D201,D202,D203,D206	4	SMD
35	IC,DM74LS163,COUNTER,SOP,NATIONAL,	U205,U206	2	SMD
36	IC,HEF4049BT,INVERTING,SOP	U202	1	SMD
37	IC,LM2904D,OP AMP,SOP,SAMSUNG,	U203	1	SMD
38	IC,R6753 - 15 ,ASIC,QFP	U200	1	SMD
39	IC,SCI93C66S,EEPROM,SOP,CATALYST(2.7V)	U201	1	SMD
40	RES,CHIP,000,J,1608,1/16W	R246,R264,R265	3	SMD
41	RES,CHIP,100,J,1608,1/16W	R209,R229	2	SMD
42	RES,CHIP,101,J,1608,1/16W	R205	1	SMD
43	RES,CHIP,102,J,1608,1/16W	R211 ~ R220,R225,R233,R235,R238,R260,R266	16	SMD
44	RES,CHIP,103,J,1608,1/16W	R201,R236,R230,R267	4	SMD
45	RES,CHIP,104,J,1608,1/16W	R200,207,210,221,224,227,231,232,243,244	10	SMD
46	RES,CHIP,105,J,1608,1/16W	R202	1	SMD
47	RES,CHIP,124,J,1608,1/16W	R206	1	SMD
48	RES,CHIP,223,J,1608,1/16W	R242	1	SMD
49	RES,CHIP,301,J,1608,1/16W	R222	1	SMD
50	RES,CHIP,364,J,1608,1/16W	R248	1	SMD
51	RES,CHIP,390,J,1608,1/16W	R228	1	SMD

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52	RES,CHIP,470,J,1608,1/16W	R234	1	SMD
53	RES,CHIP,472,J,1608,1/16W	R226	1	SMD
54	RES,CHIP,473,J,1608,1/16W	R204,R241	2	SMD
55	RES,CHIP,683,J,1608,1/16W	R203	1	SMD
56	TR,CHIP,KRC107S,KEC	Q200,Q201,Q202,Q205	4	SMD
57	TR,CHIP,KTA1505Y,KEC	Q206	1	SMD
58	TR,CHIP,KTC3875SGR,KEC	Q207	1	SMD
59	TR,CHIP,KTC3876Y,KEC	Q204	1	SMD
60	X-TAL,9.600MHZ,ATS TYPE ,20PPM,H=2.5	X201	1	SMD
61	PCB,2 LAYER,ID - 900TR - P DR1, D/S Base		1	
62	BASE RF PCB			
63	CAP,ELEC,2R2uF,4X7/2.5,50V,RD	C37	1	DIP
64	CAP,ELEC,47uF,5X11/2.5,16V,RD	C69	1	DIP
65	COIL,CHOKE,82uH,BK,RD,4PIE X 8H	L7	1	DIP
66	DIODE,ZEN,0.5W,3.0V,AX26	Z1	1	DIP
67	HEAD,CONN,(+),2400 - DS(1538)M1524(6mm)	J1	1	DIP
68	HEAD CONN (+) 2N 2100 - DS(2053) - M2002		1	DIP
69	SHELD CASE,HD - 800H, T=0.2,NPSS(C74519)		1	DIP
70	BASE RF PCB SMD			
71	CAP,CHIP,010,C,1608,50V/COG	C18	1	SMD
72	CAP,CHIP,102,K,1608,50V/X7R	C1,C11,C13,C17,C31,C71,C94,C95	8	SMD
73	CAP,CHIP,103,K,1608,50V/X7R	C24,C60,C62	3	SMD
74	CAP,CHIP,104,Z,1608,50V/Y5V	C2,C3,C4	3	SMD
75	CAP,CHIP,153,K,1608,50V/X7R	C30	1	SMD
76	CAP,CHIP,1R2,C,1608,50V/COG	L10	1	SMD
77	CAP,CHIP,222,K,1608,50V/X7R	C8	1	SMD
78	CAP,CHIP,330,J,1608,50V/COG	C12,C15,C38,C65,C74,C76,C83,C84,C90,C96	10	SMD
79	CAP,CHIP,3R3,C,1608,50V/COG	C73,C75	2	SMD
80	CAP,CHIP,4R7,C,1608,50V/COG	C79	1	SMD
81	CAP,CHIP,473,Z,1608,50V/Y5V	C25,C92	2	SMD
82	CAP,CHIP,563,Z,1608,16V/X7R	C34	1	SMD
83	CAP,CHIP,5R6,C,1608,50V/COG	C80	1	SMD
84	CAP,CHIP,683,Z,1608,50V/Y5V	C6,C7	2	SMD
85	CAP,CHIP,6R8,C,1608,50V/COG	C99	1	SMD
86	CAP,CHIP,821,K,1608,50V/X7R	C29,C32,C67,C70	4	SMD
87	CAP,CHIP,8R2,C,1608,50V/COG	C72	1	SMD
88	COIL,CHIP,1.5nH,ELJRE 1N5DF2	L20	1	SMD
89	COIL,CHIP,12nH,ELJRE 12NJF2	LP2,LP3	2	SMD
90	COIL,CHIP,2.7nH,ELJRE 2N7DF2	L6	1	SMD
91	COIL,CHIP,22nH,ELJRE 22NJF2	L8,L15	2	SMD
92	COIL,CHIP,8.2nH,ELJRE 8N2JF2	L9,C77,L12	3	SMD
93	DIODE,CHIP,KDS114,USC TYPE,KEC	D1,D2	2	SMD
94	FILTER DCF2R915G02	FL1	1	SMD
95	IC,RF105- 12,QFP,CONEXANT	U1	1	SMD
96	IC,RF106- 12,SOP,CONEXANT	U3	1	SMD
97	RES,CHIP,100,F,1608,1/16W	R24,R37,R38,R39,R40	5	SMD
98	RES,CHIP,103,J,1608,1/16W	R35	1	SMD
99	RES,CHIP,122,J,1608,1/16W	R34	1	SMD
100	RES,CHIP,202,J,1608,1/16W	R29	1	SMD
101	RES,CHIP,302,F,1608,1/16W	R21,R42	2	SMD
102	RES,CHIP,391,F,1608,1/16W	R10,R22,R31	3	SMD
103	RES,CHIP,392,F,1608,1/16W	R8,R9	2	SMD

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104	RES,CHIP,471,J,1608,1/16W	R25	1	SMD
105	RES,CHIP,473,J,1608,1/16W	R43	1	SMD
106	RES,CHIP,510,F,1608,1/16W	R1	1	SMD
107	RES,CHIP,513,J,1608,1/16W	R28	1	SMD
108	RES,CHIP,751,F,1608,1/16W	R32	1	SMD
109	TR,CHIP,KTA1505Y,KEC	Q1	1	SMD
110	TR,CHIP,KTC3875SGR,KEC	Q2	1	SMD
111	PCB,2 LAYER,SMRFRV00,RF PART		1	
112	BASE CHARGER PCB			
113	SUPPORTOR,LED,ID-900TR,IDI4 007 0001		1	DIP
114	CONTACT,SPRING,ID-900TR-P	T1,T2,T3,T4	8	DIP
115	CAP,ELEC,100uF,5X11/2.5,16V,RD	C302,C306,C309	3	DIP
116	CAP,ELEC,220uF,6.3X11/2.5,10V,RD	C307	1	DIP
117	CAP,MYLAR,103,J,50V/ST,RD,	C308	1	DIP
118	COIL,220uH,TROIDAL, 15PIE, HORIZONTAL	L301	1	DIP
119	DIODE,RETFY,1N4007S,AX26	D301,D302,D303,D306,D307,D308,D309	7	DIP
120	DIODE,SWCH,1N4148,MINI,AX26	D305	1	DIP
121	DIODE,ZEN,0.5W,3.3V,AX26	D304	1	DIP
122	HARNESS,9P 50mm	J103	1	DIP
123	HEAT SINK	U301	1	DIP
124	IC,KIA7805AP,REG,TO-220,KEC	U301	1	DIP
125	JACK,MOD,1161-64(6PIN)	J301	1	DIP
126	LED,304GC2E-003,GREEN,3PIE,LUCKY LIGHT	LED301	1	DIP
127	LED,309IGM2E-003,GREEN-RED,3PIE,LUCKY LIGHT	LED302	1	DIP
128	TR,KSB772Y,RD	Q301	1	DIP
129	TR,KTA1266Y,RD,TO-92,KEC	Q304,Q305,Q307	3	DIP
130	TR,KTC3198Y,RD,TO-92,KEC	Q302,Q303,Q306	3	DIP
131	RES,M/F,010 J 1/2W BK	R302	1	DIP
132	RES,M/F,100,J,1/4W,BK	R309	1	DIP
133	RES,M/F,101,J,1/4W,BK	R308	1	DIP
134	RES,M/F,121,J,1/4W,BK	R301,R314	2	DIP
135	RES,M/F,181,J,1/4W,BK	R315	1	DIP
136	RES,M/F,365,J,1/4W,BK	SVR301	1	DIP
137	RES,M/F,4R7,J,1/4W,BK	R311	1	DIP
138	RES,M/F,681,J,1/4W,BK	R305	1	DIP
139	RES,M/F,911,J,1/4W,BK	R320	1	DIP
140	INSULATION PROTECTION TAPE		1	
141	GUIDE,CHARGER PIN,PC		1	
142	BASE CARGER PCB SMD			
143	CAP,CHIP,102,K,1608,50V/X7R	C301,C304	2	SMD
144	CAP,CHIP,103,K,1608,50V/X7R	C311,C312,C310,C313	4	SMD
145	CAP,CHIP,104,Z,1608,50V/Y5V	C303,C305	2	SMD
146	RES,CHIP,102,J,1608,1/16W	R312,R318,R321,R324	4	SMD
147	RES,CHIP,103,J,1608,1/16W	R307,R316,R323,R326	4	SMD
148	RES,CHIP,104,J,1608,1/16W	R327	1	SMD
149	RES,CHIP,153,J,1608,1/16W	R313	1	SMD
150	RES,CHIP,181,J,3216,1/16W	R306	1	SMD
151	RES,CHIP,332,J,1608,1/16W	R303,R317	2	SMD
152	RES,CHIP,472,J,1608,1/16W	R400	1	SMD
153	RES,CHIP,682,J,1608,1/16W	R304	1	SMD
154	TR,CHIP,KRC107S,KEC	Q308,Q309	2	SMD
155	TR,CHIP,KTA1505Y,KEC	Q400	1	SMD

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