

FRAME

PARTS LIST

A-4113-0520-03-C

TITLE: 2.4GHz RMI PCB

Compiled By: hl114160

Date: 14-Jul-2003

Serial Number: NO

Issue Number: FIN 924

Sheet Number: 1 of 2

Item	Part Number	Part Description	Qty Reference
1	M-4113-0521-04	2.4GHz RMI PCB	1
2			
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8	P-CH02-0003	INDUCTOR 47uH SM	1 L2
9	P-CN02-0006	SPRING PROBE CONNECTOR	1 PL2
10	P-CN02-5006	PLG HED 6W SM	2 PL3, PL4
11	P-CN10-0004	SM PLG 2 ROW 16W PCB POLZD	1 PL1
12	P-CP14-33P1	SM CAP 33pF 0603 5% NPO 50V	1 C22
13	P-CP14-M104	SM CAP 100N 080510% X7R 50V	6 C3, C6, C7, C9, C11, C12
14	P-CP16-10M0	SM CAP 10u B 10% TANT 6V3	2 C54, C55
15	P-CP16-2M22	SM CAP 22u B 20% TANT 16V	3 C36, C42, C58
16	P-CP16-47U0	SM CAP 47uF E 20% TANT 35V	6 C37, C39, C40, C60, C65, C66
17	P-CP22-10N0	SM CAP 10N 0603 X7R 10%	2 C5, C14
18	P-CP22-22N0	SM CAP 22N 0603 X7R 10%	24 C1, C8, C15, C16, C18, C19, C20, C21, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34, C43, C56, C59, C61, C62
19	P-CP22-27P0	SM CAP 27P 0603 COG 5%	1 C23
20	P-CT03-0011	SM OSC 40MHz 50ppm 3.3V	1 IC12
21	P-CT04-0010	SM CRYSTAL CERAMIC 13.00MHz	1 XT1
22	P-DD08-0006	SM SCHOTTKY DIODE 30V 200mA	2 D23, D25
23	P-DD08-0340	SM DIODE SCHOTTKY 40V 3A	2 D9, D10
24	P-DD09-2020	SM DIODE ASSY 70V 250mA	5 D7, D22, D28, D29, D30
25	P-FS06-1A00	FUSE RESETTABLE SMD 1A 60V	1 FS3
26	P-FT03-0014	SM Trans Supp 30V 600W	3 D16, D17, D21
27	P-LX02-220U	SM INDUCTOR FIX 220uH 0.5A	1 L1
28	P-MB01-0001	SM 2.4GHz RF TRANSCEIVER	1 IC13
29	P-MF01-0019	SM MAX253 RS-485 TRANS DRIVER	1 IC16
30	P-MM04-1019	SM 20PIN ALTERA EEPROM 5/3V	1 IC1
31	P-MP10-0027	SM LP 8BIT 4-10MHz PIC16LF877	1 IC2
32	P-MR01-0002	SM LP3964 VOLT REG 2.5V 800MA	1 VR4
33	P-MR01-0003	SM XC62F VOLT REG 5.0V 250MA	1 VR5
34	P-MR01-0005	SM XC62FP VOLT REG +2.8V 0.25A	1 VR3
35	P-MR05-2674	SM LM2674-ADJ SWIT REG 0.5A	1 VR1
36	P-MV12-0130	SM EP1K30QC208	1 IC9
37	P-PA03-1010	SM OPTOCOUPLED 2K5V IC 3 us	7 IC7, IC22, IC23, IC24, IC25, IC26, IC27
38	P-RE02-0005	SM SINGLE POLE OPTO-MOS RELAY	3 IC3, IC14, IC15

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39	P-RF30-027R	SMRES 27R uMELF 1% 50ppm 75V	5	R4, R73, R76, R103, R108
40	P-RF32-05K6	SMRES 5K6 0805 1% 100ppm 150V	2	R63, R69
41	P-RF32-06K8	SMRES 6K8 0805 1% 100ppm 150V	1	R68
42	P-RF35-010K	SMRES 10K 0603 1% 100ppm 50V	21	R1, R23, R25, R26, R34, R57, R61, R98, R110, R111, R112, R113, R114, R115, R116, R128, R129, R130, R131, R132, R133
43	P-RF35-01K0	SMRES 1K0 0603 1% 100ppm 50V	7	R27, R28, R29, R30, R31, R32, R93
44	P-RF35-01K5	SMRES 1K5 0603 1% 100ppm 50V	1	R53
45	P-RF35-02K2	SMRES 2K2 0603 1% 100ppm 50V	2	R79, R96
46	P-RF35-03K3	SMRES 3K3 0603 1% 100ppm 50V	1	R64
47	P-RF35-047R	SMRES 47R 0603 1% 100ppm 50V	3	R118, R121, R123
48	P-RF35-04K7	SMRES 4K7 0603 1% 100ppm 50V	4	R81, R82, R94, R95
49	P-RF35-082R	SMRES 82R 0603 1% 100ppm 50V	7	R39, R40, R41, R42, R47, R48, R60
50	P-RF35-100K	SMRES 100K 0603 1% 100ppm 50V	1	R70
51	P-RF35-100R	SMRES 100R 0603 1% ppm 50V	1	R22
52	P-RF35-120R	SMRES 120R 0603 1% 100ppm 50V	1	R52
53	P-RF35-240R	SMRES 240R 0603 1% 100ppm 50V	1	R127
54	P-RF35-750R	SMRES 750R 0603 1% 100ppm 50V	1	R54
55	P-RF36-02K4	SM RES 2K4 2010 5% 200ppm	1	R117
56	P-RF38-10R0	SMRES 10R mMELF 1% 50ppm 200V	1	R33
57	P-RF39-100R	SMRES 100R uMELF 1% 50ppm 100V	5	R99, R100, R101, R102, R109
58	P-SW03-0014	SM SWITCH DIL 4xSPST	2	SW1, SW2
59	P-TF04-0002	SM HF ISOL TFMR 5V 1:2.1	1	T1
60	P-TR01-0951	SM TRANSISTOR FZT951 PNP	4	TR12, TR13, TR15, TR16
61	P-TR03-1040	SM TRANSISTOR BC850 NPN	2	TR10, TR11
62	P-TR03-335N	SM N-FET FDN335N 20V 1.7A	5	TR1, TR17, TR18, TR19, TR20
63	P-VT01-1024	SM LED RD/GN 12.5mcd 120` 10mA	4	D6, D18, D19, D20
64	C-4113-0520-03	CIRCUIT DIAGRAM	REF	
65	D-4113-0508-03	TEST POINT DRAWING	REF	
66	T80269-04	PASTE TOOL	REF	