

BILL OF MATERIAL

PREMIER COMMUNICATIONS

FCC ID : N2EPR160B

MODEL NO•

DAT

PR160 RF BOARD

NO.	PART NUMBER	DESCRIPTION	SPECITICATION	
1	CRFCFWM455G	CERAMIC FILTER(VHF)3	CFWM455G	1
2	DIT1N5392	DIODE 1N5392	1.5A, 100V	1
3	ICTTK11640N	IC TK11640N		1
4	JAK2D5-02	MIC JACK	HSJ1102-01-520	1
5	JAK3D5-01	EAR JACK	LJE0357-B	1
6	LSP05301T5RH	AIR-COIL 0.5X3X1.5T	RIGHT	2
7	LSP05303T5LH	AIR-COIL 0.5X3X3.5T	LEFT	1
8	LSP05303T5RH	AIR-COIL 0.5X3X3.5T	RIGHT	6
9	TRT2SC1971	TRANSISTOR 2SC1971		1
10	TRT2SC2538	TRANSISTOR 2SC2538		1
11	VRT10KA-TP	VR 10KA $\pm 20\%$	TP96N00N15SK TOKOS	1
12	XTF21M4MHZ-UM5	CRYSTAL FILTER 21.4M	21T152A UM-5.3	1
13	XTL12M8-UM5.2S	CRYSTAL 12.8MHZ	10PPM UM-5.2S SIWARD	1
14	XTL20M945-UM5	CRYSTAL 20.945MHZ	UM-5(H29-037) 6mm	1
15	CCP020C50CH03	CHIP-C(0603) 2P	NPO 50V .25P	5
16	CCP030C50CH03	CHIP-C(0603) 3P	NPO 50V .25P	1
17	CCP050C50CH03	CHIP-C(0603) 5P	NPO 50V .25P	1
18	CCP070C50CH03	CHIP-C(0603) 7P	NPO 50V .25P	1
19	CCP100C50CH03	CHIP-C(0603) 10P	NPO 50V .25P	1
20	CCP101J50CH03	CHIP-C(0603) 100P	NPO 50V $\pm 5\%$	11
21	CCP102K50X7R03	CHIP-C(0603) 102P	50V $\pm 10\%$ X7R	43
22	CCP102K50X7R05	CHIP-C(0805) 102P	50V $\pm 10\%$ X7R	2
23	CCP103K50X7R03	CHIP-C(0603) 103P	50V $\pm 10\%$ X7R	15
24	CCP103K50X7R05	CHIP-C(0805) 103P	50V $\pm 10\%$ X7R	1
25	CCP104K50X7R06	CHIP-C(1206) 104P	50V $\pm 10\%$ X7R	3
26	CCP105K16X7R05	CHIP-C(0805) 105P	16V $\pm 10\%$ X7R	3
27	CCP105K16X7R06	CHIP-C(1206) 105P	16V $\pm 10\%$ X7R GRM42	1
28	CCP105Z16Y5V06	CHIP-C(1206) 105P	16V +80-20% Y5V	1
29	CCP106Z10Y5V06	CHIP-C(1206) 106P	10V +80-20% Y5V	4
30	CCP121J50CH03	CHIP-C(0603) 120P	NPO 50V $\pm 5\%$	1
31	CCP121J50CH05	CHIP-C(0805) 120P	NPO 50V $\pm 5\%$	1
32	CCP150J50CH03	CHIP-C(0603) 15P	NPO 50V $\pm 5\%$	4
33	CCP151J50CH05	CHIP-C(0805) 150P	NPO 50V $\pm 5\%$	1
34	CCP154K16X7R05	CHIP-C(0805) 154P	16V $\pm 10\%$ X7R	1
35	CCP1R5C50CH03	CHIP-C(0603) 1.5P	NPO 50V .25P	5
36	CCP200J50CH05	CHIP-C(0805) 20P	NPO 50V $\pm 5\%$	1
37	CCP220J50CH03	CHIP-C(0603) 22P	NPO 50V $\pm 5\%$	4

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38	CCP222K50X7R03	CHIP-C(0603) 222P	50V ±10% X7R	1
39	CCP223K50X7R05	CHIP-C(0805) 223P	50V ±10% X7R	3
40	CCP224K25X7R06	CHIP-C(1206) 224P	25V ±10% X7R GRM42	1
41	CCP225Z16Y5V06	CHIP-C(1206) 225P	16V +80-20% Y5V	1
42	CCP270J50CH03	CHIP-C(0603) 27P	NPO 50V ±5%	4
43	CCP330J50CH03	CHIP-C(0603) 33P	NPO 50V ±5%	4
44	CCP331J50CH03	CHIP-C(0603) 330P	NPO 50V ±5%	1
45	CCP332K50X7R03	CHIP-C(0603) 332P	50V ±10% X7R	1
46	CCP332K50X7R05	CHIP-C(0805) 332P	50V ±10% X7R	1
47	CCP335Z16Y5V06	CHIP-C(1206) 335P	16V +80-20% Y5V	2
48	CCP390J50CH03	CHIP-C(0603) 39P	NPO 50V ±5%	1
49	CCP470J50CH03	CHIP-C(0603) 47P	NPO 50V ±5%	8
50	CCP473K50X7R05	CHIP-C(0805) 473P	50V ±10% X7R	1
51	CCP473Z50Y5V05	CHIP-C(0805) 473P	50V +80-20 % Y5V	2
52	CCP474Z25Y5V06	CHIP-C(1206) 474P	25V +80-20% Y5V	2
53	CCP560J50CH03	CHIP-C(0603) 56P	NPO 50V ±5%	1
54	CCP680J50CH03	CHIP-C(0603) 68P	NPO 50V ±5%	1
55	CCP682K50X7R05	CHIP-C(0805) 682P	50V ±10% X7R	1
56	CCP750J50CH05	CHIP-C(0805) 75P	NPO 50V ±5%	1
57	CCP910J50CH03	CHIP-C(0603) 91P	NPO 50V ±5%	1
58	CON402R-10S	CONNECTOR MALE 10P	IL-402R-10S-SIL WAFE	1
59	DIC1SS184	SMT DIODE 1SS184		1
60	DIC1SS241	SMT DIODE 1SS241		1
61	DIC1SS268	SMT DIODE 1SS268		1
62	DIC1SS302	SMT DIODE 1SS302		1
63	DIC1SS314	SMT DIODE 1SS314		7
64	DIC1SS357	SMT DIODE 1SS357		4
65	DIC1SV214	SMT DIODE 1SV214		4
66	DICDAN202U	SMT DIODE DAN202U	ROHM	1
67	DICIMN10	SMT DIODE IMN10	ROHM	1
68	ECC105M50-4X6	SMD E/C 1uF/50V	4X5.5m/m ±20%	1
69	ECC107M16-6X6	CHIP E/C 100uF/16V	6.3X5.5m/m ±20%	3
70	ECC227M6-6.3X6	SMD E/C 220uF/6.3V	6.3X6m/m ±20%	1
71	ECC476M4-4X6	CHIP E/C 47uF/4V	4X5.5m/m ±20%	2
72	ECC476M6.3-5X6	CHIP E/C 47uF/6.3V	5X5.5m/m ±20%	1
73	ICCBA15218F	CHIP IC BA15218F	ROHM	1
74	ICCBU4094BCF	CHIP IC BU4094BCF		2
75	ICCMB1504PF	CHIP IC MB1504PF		1
76	ICCTA7368F	CHIP IC TA7368F		1
77	ICCTK10487M	CHIP IC TK10487M		1
78	ICCTK11806M	CHIP IC TK11806MTL		1
79	IFC10300	SMT IFT 21.4MHZ	C02-400-10300	1
80	IFC1234	SMT IFT 455K	303LC-1234=P3	1
81	IFC3381	SMT IFT 21.4MHZ	H05-400-3381	1

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82	IFC3382	SMT IFT 144MHZ	H05-400-3382	1
83	IFC3383	SMT IFT 144MHZ	H05-400-3383	3
84	LCP010M-3N	CHIP COIL 1uH	LQH3N1R0M34M ±20%	1
85	LCP122K-4N	CHIP COIL 1.2mH	LQH4N122K04M ±10%	1
86	LCPN68M-2A	CHIP COIL 68nH	LQN2A68NM04M ±20%	2
87	LCPR12K-2A	CHIP COIL 120nH	LQN2AR12K04 ±10%	2
88	PCB130MAIN-04	PCB FOR C130 RF	VER.D 144MD5	1
89	RCP000J08-06	CHIP-R(1206) 0•		1
90	RCP000J10-05	CHIP-R(0805) 0•		2
91	RCP000J16-03	CHIP-R(0603) 0•		20
92	RCP100J10-05	CHIP-R(0805) 10•		1
93	RCP101J16-03	CHIP-R(0603) 100•		7
94	RCP102J16-03	CHIP-R(0603) 1K•		2
95	RCP103J16-03	CHIP-R(0603) 10K•		4
96	RCP104J16-03	CHIP-R(0603) 100K•		11
97	RCP105J16-03	CHIP-R(0603) 1M•		2
98	RCP122J16-03	CHIP-R(0603) 1.2K•		2
99	RCP151J16-03	CHIP-R(0603) 150•		1
100	RCP152J16-03	CHIP-R(0603) 1.5K•		3
101	RCP153J16-03	CHIP-R(0603) 15K•		2
102	RCP220J16-03	CHIP-R(0603) 22•		2
103	RCP221J16-03	CHIP-R(0603) 220•		3
104	RCP222J16-03	CHIP-R(0603) 2.2K•		2
105	RCP223J10-05	CHIP-R(0805) 22K•		1
106	RCP223J16-03	CHIP-R(0603) 22K•		4
107	RCP224J16-03	CHIP-R(0603) 220K•		4
108	RCP331J10-05	CHIP-R(0805) 330•		1
109	RCP331J16-03	CHIP-R(0603) 330•		3
110	RCP332J16-03	CHIP-R(0603) 3.3K•		10
111	RCP333J16-03	CHIP-R(0603) 33K•		3
112	RCP334J16-03	CHIP-R(0603) 330K•		1
113	RCP470J16-03	CHIP-R(0603) 47•		2
114	RCP471J10-05	CHIP-R(0805) 470•		2
115	RCP471J16-03	CHIP-R(0603) 470•		3
116	RCP472J16-03	CHIP-R(0603) 4.7K•		5
117	RCP473J16-03	CHIP-R(0603) 47K•		6
118	RCP474J16-03	CHIP-R(0603) 470K•		1
119	RCP4R7J10-05	CHIP-R(0805) 4.7•		1
120	RCP563J16-03	CHIP-R(0603) 56K•		1
121	RCP684J16-03	CHIP-R(0603) 680K•		3

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NO.	PART NUMBER	DESCRIPTION	SPECITICATION	
122	RCP821J16-03	CHIP-R(0603) 820•		2
123	RCP822J16-03	CHIP-R(0603) 8.2K•		1
124	RCP823J16-03	CHIP-R(0603) 82K•		1
125	RCP824J16-03	CHIP-R(0603) 820K•		1
126	TCCZ060A110T00	CHIP TRIMMER.C 2~6P	TZV03Z060/TZR03	1
127	TNC104M35-A	SMD T/C 0.1uF/35V	A CASE	1
128	TNC105M16-A	SMD T/C 1uF/16V	A CASE	2
129	TNC106M16-B	SMD T/C 10uF/16V	B CASE	1
130	TNC226M6.3-B	SMD T/C 22uF/6.3V	B CASE	1
131	TRC2SA1036KR	SMT TR. 2SA1036K (R)	ROHM	1
132	TRC2SB798DL	SMT TR. 2SB798		1
133	TRC2SC2351R2	SMT TR. 2SC2351 (R2)		1
134	TRC2SC2412K	SMT TR. 2SC2412K (R)	ROHM	1
135	TRC2SC2712GR	SMT TR. 2SC2712 (GR)		1
136	TRC2SC2714-0	SMT TR. 2SC2714 (0)		2
137	TRC2SC3356R24	SMT TR. 2SC3356 (R24		1
138	TRC2SC3357RF	SMT TR. 2SC3357 (RF)		1
139	TRC2SC4081	SMT TR. 2SC4081	ROHM	7
140	TRC2SC4099	SMT TR. 2SC4099 (P)		2
141	TRC2SK209Y	SMT FET 2SK209 (XY)		2
142	TRC2SK302Y	SMT FET 2SK302Y		1
143	TRCDTA114TU	SMT TR. DTA114TU		1
144	TRCDTA144EU	SMT TR. DTA144EU		1
145	TRCDTC114TU	SMT TR. DTC114TU	ROHM	5
146	TRCDTC144EU	SMT TR. DTC144EU	ROHM	1
147	TRCFMA4	SMT TR. FMA4		1
148	TRCIMX3	SMT TR. IMX-3	ROHM	1
149	VRC100K-042	SMD VR 100K 4•	CVR-042	1
150	VRC100K-42A	SMD VR 100K	CVR-42A	1
151	VRC1K-042	SMD VR 1K 4•	CVR-042	2
152	VRC330R-042	SMD VR 330• 4•	CVR-042	1
153	ZDC7V5B22A	SMD ZENER 7.5V	RD7.5 NEC(B3T1)	1
154	ZDC8V2-NEC	SMD ZENER 8.2V(B2T2)	RD8.2 NEC	1

EXHIBIT # 9A

E•03/29/2000

MODEL NO.
FA1
DA4
IC4
JA1
JA2
LT6, 8
LT4
LT5, 7, 10, 11, 12, 14
QT8
QT7
SA1
XF1, 2 (1PAIR)
XP1
XA1
CT2, 7, 15, 28, 50
CT29
CT9
CF27
CT1
CA9, 12, 52, 57, 58, 60 CT8
CT35, 42, 49 CP32
CA4, 5, 17, 18, 42, 54, 64
CF5, 6, 8, 10 CF14, 19, 23
CP1, 6, 8, 11, 19, 23, 25, 29, 30
CP33, 38, 41, 42 CT3, 4, 5, 10
CT13, 17, 19, 24, 27, 37, 39
CT40, 41, 43, 44, 45
CA45, 48
CA22, 23, 31, 32, 36 CF9, 25
CP2, 10, 44 CT12, 33, 46, 47
CT48
CP21
CA28, 37, 38
CA44, 46, 49
CP13
CA1
CA10, 16, 53 CP20
CA15
CP22
CT11, 14, 16 CF22
CP35
CA63
CF12, 13, 16, 17, 26
CP17
CT20, 25, 30, 32

EXHIBIT # 9A
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MODEL NO.
CA13
CA43 CP5, 16
CP4
CT38
CF3, 11 CT6, 51
CF15, 18 CT26, 31
CA30
CA29
CA40
CA25 CP3
CT23
CA7, 14, 34, 56, 66 CF1, 4
CT21
CA41
CA11 CP7
CP40, 43
CA33
CA8
CA39
CF21
CF24
JP2
QT9
DT1
QT4
QF1
DA3, 5, 8 DP2, 3 DT2, 3
DA6, 7 QA19, 20
DF1, 2, 3, 4
QT3
QP6
CA21
CA51 CP31 CT34
CA55
CP15, 24
CP39
IC7
IC2, 3
IC6
IC8
IC1
IC5
LF6
LA1
LF1

EXHIBIT # 9A

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MODEL NO.
LF2
LF3, 4, 5
LT9
LP1
LT2, 3
LT1, 13
PCB
RT28
RA25 CA50
RA1, 2, 18, 38, 43, 57, 59, 61
RA64, 65 RF5, 13, 16 RP1, 4
RP9, 12, 13, 24 RT29
RT13
RA33 RF4, 10, 14 RP27
RT1, 11
RA48, 50
RA15, 17, 26, 47
RF1, 7, 8, 9, 17 RT2 RP6, 14
RP15, 16, 19
RA44 RP7
RP20 RT23
RP18
RA28, 30, 32
RA46 RT9
RT4, 15
RA52, 62 RT17
RA51 RP22
RA22
RA21, 37 RF2 RP5
RA16, 29, 58 RT5
RT21
RF11 RT22 RP10
RA36, 41, 42 RF6, 12, 15
RP8, 17 RT7, 8
RA10, 11 RT3
RP23
RT10, 12
RT19 QA17
RA19, 34 RT14
RA4, 23, 27, 39 RP3
RA6, 12, 13, 35, 40 RF3
RA49
RT20
RA8
RA31, 55 RP25

EXHIBIT # 9A
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MODEL NO.
RP2, 11
RA45
RA9
RA5
CP18
CP12
CA26, 27
CP14
CA35
QP11
QA3
QT5
QP13
QA11
QT1, 2
QF2
QT10
QA5, 6, 9, 12 QP1, 7, 8
QA16 QF3
QP3, 4
QF4
QA15
QP15
QA8 QP12, 14 QT11, 12
QP5
QP9
QA13
RA24
RA14
RT24, 25
RT26
QP2
QA7