

T2040-815**Bill of Materials****15/08/01**

1	000-10003-00	XSTR BSR30 PNP AF SOT-89	cir refs: Q310
2	000-10003-10	XSTR SMD BFR310 JFET UHF	cir refs: Q200,Q202
4	000-10003-12	XSTR SMD BFR31 N JFET SOT23	cir refs: Q210
6	000-10008-07	XSTR SMD BC807 PNP SOT23 AF	cir refs: Q306,Q308
8	000-10008-17	XSTR SMD BC817-25 NPN SOT23	cir refs: Q402
10	000-10008-47	XSTR BC847B NPN SOT23	cir refs: Q115,Q203,Q204,Q206,Q208,Q211,Q213,Q303,Q305,Q307,Q309,Q311
12	000-10008-57	XSTR SMD BC857 PNP SOT23 SS	cir refs: Q102,Q201,Q205,Q207,Q209,Q401
14	000-10009-41	XSTR SMD BR941L SOT23	cir refs: Q212,Q214
16	000-10052-00	XSTR SMD BFG520/X 9GHZ NPN	cir refs: Q101
18	000-10057-10	XSTR SMD BR571 NPN SOT23	cir refs: Q215
20	000-10095-10	XSTR SMD BR951 NPN UHF	cir refs: Q103,Q300,Q301
22	001-10000-17	DIODE SMD DUAL BAT-17 SOT23	cir refs: D107,D108
24	001-10000-70	DIODE SMD BAV70 D-SW SOT23	cir refs: D202,D401
26	001-10000-99	DIODE SMD BAV99 D-SW SOT23	cir refs: D100
28	001-10005-35	DIODE SMD VCAP BB535 SOD323	cir refs: D203,D204,D205,D206
30	001-10015-00	DIODE SMD BAT15-099R SCHT	cir refs: D110
32	001-10014-01	DIODE SMD D-BAR14-1 SOT23	cir refs: D208
34	002-10033-71	IC SMD MC3371D IF DET RSSI	cir refs: IC101
36	002-10120-52	IC MC12052 PRESCAIR LOW	cir refs: IC203
38	002-10330-78	IC MC33078D 2X AMP LO NOISE	cir refs: IC202
40	002-10451-58	IC SMD MC145158DW2 F-SYNTH	cir refs: IC201
42	015-01270-06	CAP CER 1210 2P7 NPO200V GRM42	cir refs: C341,C346
44	015-01330-06	CAP CER 1210 3P3 NPO500VGRM42	cir refs: C343,C344
46	015-02330-06	CAP CER 1210 33P NPO 500V	cir refs: C340,C352
48	015-06100-08	CAP CER 1206 100N 10% X7R 50V	cir refs: C104,C175,C176,C180,C181,C197,C201,C204,C206,C209,C226,C235,C307,C310, C322,C361,C364,C411,C413,C419,C420,C431
52	015-21100-02	CAP 0805 1P0 1% NPO 50V	cir refs: C342,C345
54	015-21150-05	CAP CER 0805 CHIP 1P5+0.1PF 2	cir refs:#C368 Narr: Fit on pads near C352
58	015-21120-02	CAP 0805 1P2 1% NPO 50V	cir refs: C232
62	015-21180-02	CAP 0805 1P8 1% NPO 50V	cir refs: C125
66	015-21270-02	CAP 0805 2P7 +/-0.1P NPO 50V	cir refs: C255
70	015-21330-02	CAP 0805 3P3 +/-0.1P NPO 50V	cir refs: C124,C126,C236,C237,#C319
74	015-21390-02	CAP 0805 3P9 +/-0.1P NPO 50V	cir refs: C238,C306

78	015-21470-02	CAP 0805 4P7 1% NPO 50V	cir refs: #C313,#C314
82	015-21560-02	CAP 0805 5P6 1% NPO 50V	cir refs: C134,C140,C142,#C227
86	015-21680-02	CAP 0805 6P8 +/-0.1P NPO 50V	cir refs: C127,C136,C138
88	015-22120-01	CAP CER 0805 12P 5% NPO 50V	cir refs: C253
90	015-22150-01	CAP CER 0805 15P 5% NPO 50V	cir refs: C135,C139
92	015-22180-01	CAP CER 0805 18P 5% NPO 50V	cir refs: C252
94	015-22220-01	CAP CER 0805 22P 5% NPO 50V	cir refs: C128,C202,C250
96	015-22330-01	CAP CER 0805 33P 5% NPO 50V	cir refs: C1,C106,C107,C108,C109,C110,C149,C182,C184,C188,C192,C194,C195,C2, C214,C223,C224,C225,C243,C3,C303,C305,C309,C311,C315,C317,C318,C320,C321,C32 5,C326,C329,C330,C331,C332,C333,C334,C335,C336,C337,C338,C339,C347,C348,C349, C350, C35
96	015-22330-01	CAP CER 0805 33P 5% NPO 50V	cir refs: C1,C106,C107,C108,C109,C110,C149,C182,C184,C188,C192,C194,C195,C2, C214,C223,C224,C225,C243,C3,C303,C305,C309,C311,C315,C317,C318,C320,C321,C32 5,C326,C329,C330,C331,C332,C333,C334,C335,C336,C337,C338,C339,C347,C348,C349, C350, C35
98	015-22390-01	CAP CER 0805 39P 5% NPO 50V	cir refs: C133,C141
100	015-22560-01	CAP CER 0805 56P 5% NPO 50V	cir refs: C244
102	015-23220-01	CAP CER 0805 220P 5% NPO 50V	cir refs: C211
104	015-23100-01	CAP CER 0805 100P 5% NPO 50V	cir refs: C208,C210
106	015-23120-01	CAP CER 0805 120P 5% NPO 50V	cir refs: C137,C251
108	015-23470-08	CAP CER 0805 470P 10% X7R 50V	cir refs: C189,C190,C403,C416
110	015-23560-08	CAP CER 0805 560P 10% X7R 50V	cir refs: C191,C198
112	015-24100-08	CAP CER 0805 1N 10% X7R 50V	cir refs: C158,C187,C199,C240,C241,C249,C254,C256,C304,C308,C312,C316,C328,C351, C353,C358,C359,C367,C429,C323,C365
114	015-25100-08	CAP CER 0805 10N 10% X7R 50V	cir refs: C100,C129,C130,C179,C185,C186,C200,C207,C216,C231,C242,C324,C426
116	015-25220-08	CAP CER 0805 22N 10% X7R 50V	cir refs: C203,C205
118	036-10000-00	RES M/F 0805 ZERO OHM	cir refs: R194,R248,R258,R337,R803,R804
120	036-11470-00	RES M/F 0805 4E7 5%	cir refs: R113,R116,R426,R427
122	036-12100-00	RES M/F 0805 10E 5%	cir refs: R117,R119,R160,R273,R275,R305,R314,R351,R352,R432
124	036-12180-00	RES M/F 0805 18E 5%	cir refs: R105
126	036-12120-00	RES M/F 0805 12E 5%	cir refs: #R107
128	036-12220-00	RES M/F 0805 22E 5%	cir refs: R203,R229,R242,R244,R249,R422,R428
130	038-12270-00	RES 0603 CHIP 27E 1/16W +/-5%	cir refs: R280
132	036-12330-00	RES M/F 0805 33E 5%	cir refs: R247,R261,#R315
134	036-12470-00	RES M/F 0805 47E 5%	cir refs: R112,R159,R217,R236,R310,R434
136	036-12560-00	RES M/F 0805 56E 5%	cir refs: R268,R277

138	036-12680-00	RES M/F 0805 68E 5%	cir refs: R253,R307
140	036-13100-00	RES M/F 0805 100E 5%	cir refs: R104,R118,R156,R196,R197,R199,R201,R221,R237,R303,R332,R433,R245,#R308
142	036-13120-00	RES M/F 0805 120E 5%	cir refs: R234
144	036-13150-00	RES M/F 0805 150E 5%	cir refs: R272,R316,#R317,#R318
146	036-13180-00	RES M/F 0805 180E 5%	cir refs: R279,R281,R311
148	036-13220-00	RES M/F 0805 220E 5%	cir refs: R231,R301
150	036-13330-00	RES M/F 0805 330E 5%	cir refs: R235
152	036-13470-00	RES M/F 0805 470E 5%	cir refs: R227,R230,#R106,#R108
154	036-13560-00	RES M/F 0805 560E 5%	cir refs: R102
156	036-13680-00	RES M/F 0805 680E 5%	cir refs: R212,R214,R312,R346,R418,R322
158	036-13820-00	RES M/F 0805 820E 5%	cir refs: R114
160	036-14100-00	RES M/F 0805 1K 5%	cir refs: R158,R161,R200,R252,R259,R306,R309,R313,R327,R329,R349,R425,R437
162	036-14120-00	RES M/F 0805 1K2 5%	cir refs: R213,R257,R302
164	036-14150-00	RES M/F 0805 1K5 5%	cir refs: R241,#R260
165	036-14180-00	RES M/F 0805 1K8 5%	cir refs: R324,R325,R331
166	038-14180-00	RES 0603 CHIP 1K8 1/16W	cir refs: R256
168	036-14220-00	RES M/F 0805 2K2 5%	cir refs: R103,R198,R209,R232,R250,R333
170	036-14330-00	RES M/F 0805 3K3 5%	cir refs: R151,R228,R243,R266,R267
172	036-14390-00	RES M/F 0805 3K9 5%	cir refs: R101
174	036-14470-00	RES M/F 0805 4K7 5%	cir refs: R343,R344,R320
176	036-14680-00	RES M/F 0805 6K8 5%	cir refs: R430,R276
178	036-14820-00	RES M/F 0805 8K2 5%	cir refs: R238
180	036-15100-00	RES M/F 0805 10K 5%	cir refs: R157,R339,R340,R345,R319
182	036-15120-00	RES M/F 0805 12K 5%	cir refs: R115,R226
184	036-15220-00	RES M/F 0805 22K 5%	cir refs: R223,R224,R225,R239,R323
186	036-15270-00	RES M/F 0805 27K 5%	cir refs: R338,R420,R421,R429
188	036-15470-00	RES M/F 0805 47K 5%	cir refs: R341,R354
190	036-15680-00	RES M/F 0805 68K 5%	cir refs: R195
192	036-16100-00	RES M/F 0805 100K 5%	cir refs: R138,R155,R240,R278,R431
194	036-16180-00	RES M/F 0805 180K 5%	cir refs: R263
196	036-16220-00	RES M/F 0805 220K 5%	cir refs: R326,R330
198	036-16390-00	RES M/F 0805 390K 5%	cir refs: R152,R342
200	036-16470-00	RES M/F 0805 470K 5%	cir refs: R321
202	036-17100-00	RES M/F 0805 1M 5%	cir refs: R233
204	050-10061-70	BALUN MIXER SMD 617DB-1018	cir refs: L107,L108
206	056-10100-00	IND FXD SMD 100NH 3.2*2.5*1.6	cir refs: L211,L213

208	056-10330-02	IND SMD 330NH SIMID02	cir refs: L214
210	056-10820-00	IND FXD SMD 820NH 3.2*2.5*1.6	cir refs: L202
212	057-00015-00	IND FXD 15NH +-5% 1206 MUR	cir refs: L309
214	057-00100-01	IND FXD 100NH 5%	cir refs: L201
216	057-10005-03	IND 0805 EMI SUP 5E@100MHZ 0.5	cir refs: L120,L200,L304,L306,L327,L331,L305
218	057-10120-03	IND 0805 EMI SUP 120E@100M 0.2	cir refs: L121
244	001-10059-10	DIODE SMD BA591 SW SOD323	cir refs: D304
316	276-10000-17	FLTR CER DFC3R860P019 SMD	cir refs: #XF102,#XF101
390	015-22270-01	CAP CER 0805 27P 5% NPO 50V	cir refs: C247
400	056-10330-02	IND SMD 330NH SIMID02	cir refs: L205,L206,L208,L209,L300,L302
440	*220-01685-02	T2000-800/K00 RF PCB	
450	001-10012-50	DIODE SMD MA4P1250 PIN3X2MM	cir refs: D332,D333
460	038-12100-00	RES 0603 10E 1/16W +-5%	cir refs: R262
470	038-13100-00	RES 0603 100E 1/16W +-5%	cir refs: R255
490	038-13560-00	RES 0603 CHIP 560E 1/16W +-5%	cir refs: R251
500	038-13150-00	RES 0603 150E 1/16W +-5%	cir refs: R271
510	038-13470-00	RES 0603 470E 1/16W +-5%	cir refs: R274
520	018-15100-00	CAP 0603 10N 50V X7R +-10%	cir refs: C245
530	014-07470-01	CAP 4U7 'B'CASE 25V +-10% 267	cir refs: C193,C215,C218,C219,C233,C410,C424
550	018-14100-00	CAP 0603 1N 50V X7R +-10%	cir refs: C301
222	001-00013-45	DIODE SCHTTKY 1SS97/2	cir refs: D301
224	052-08130-25	COIL A/W 2.5T/3.0MM HOR 0.8MM	cir refs: L315
226	052-08130-35	COIL A/W 3.5T/3.0MM HOR 0.8MM	cir refs: L320
236	052-56130-85	COIL A/W 8.5T/3.0MM HOR 0.56MM	cir refs: L316,L317,L318,L319,L321,L308,L311
238	056-00021-60	IND FXD 330NH AX N/MAG 6.6*2.7	cir refs: L110,L312
246	020-08100-04	CAP ELECT RADL 10M 16V 4*7MM	cir refs: C430
252	002-00078-05	IC MC7805ACT 5V REG 1A TO220	cir refs: IC404
254	002-00078-08	IC MC7808ACT 8V REG 1A TO220	cir refs: IC403
258	020-08560-09	CAP ELECT RAD 56M 50V 6.3*15.5	cir refs: C423
260	020-09100-07	CAP ELECT 100M 10V 6.3*7MM	cir refs: C248
262	020-09470-05	CAP ELE RAD 470M 16V 10X12.5MM	cir refs: C414
264	020-19100-02	CAP ELE RA 1000M 16V 12X20MM	cir refs: C415
266	020-57100-55	CAP ELE AIRDL 1UF 50V 4X7MM	cir refs: C362,C363
268	020-57470-10	CAP ELCT AIRDL 4U7 50V LO ESR	cir refs: C425,C427,C428
270	020-58470-05	CAP ELE AIRDL 47M 16V 6.3X7MM	cir refs: C174,C213,C217,C229,C412

278	022-57100-02	CAP MYLAR AI 1M 20% 50V POTTED	cir refs: C221	
286	030-53100-20	RES FILM AI 100E 5% 0.4W 4X1.6	cir refs: R336,R347	
288	030-53330-20	RES FILM AI 330E 5% 0.4W 4X1.6	cir refs: R328,R348	
290	030-55270-20	RES FILM AI 27K 5% 0.4W 4X1.6	cir refs: R350,R441	
248	001-00012-90	DIODE MR2520L O-VOLT SUPP	cir refs: D1	
250	002-00013-70	IC TDA1020 AF PWR AMP 9DIL	cir refs: IC402	
272	022-06100-15	CAP MET POLY100N 5% 50V 5.6 HI	cir refs: C222	
276	022-55100-10	CAP MYLAR AI 10N 5% 63V POTTED	cir refs: C220	
280	028-02200-01	AP TRM 4/20P N750 TOP ADJ	cir refs: CV212	Narr: Ensure flat side of trim cap is orientated towards L204
284	030-50000-00	LINK WIRE AI ZERO OHM 0.6	cir refs: L1,L402	Narr: "L1 includes FB4,L402 includes FB3"
294	042-05470-07	RES PRE 47K CAR 6MM FLAT D/ADJ	cir refs: RV153,RV222	
296	042-06470-06	RES PRE 470/500K 25% 6MM T/ADJ	cir refs: RV324	
298	050-00016-50	COIL TAIT NO 650 455KHZ	cir refs: L401	
300	050-00016-55	COIL TAIT NO 655	cir refs: L119	
302	050-00016-62	COIL IF 1UH AT 30MHZ 6MMSQX6.	cir refs: L114,L116,L204	
304	050-00016-65	COIL BALUN 7.2MM2 5X0.5PINS	cir refs: L117,L118	
306	065-00010-11	BEAD FERR 4S3 3*1*4MM RED	cir refs: FB1,FB3,FB4	Narr:"FB1 fitted to D308,FB3 fitted to L402,FB4 fitted to L1"
308	240-00010-76	PLUG HEADER 10W M-MATCH PCB	cir refs: P5,P6	Narr: C/REF P5 & P6.
310	240-00020-72	HEADER 2W PCB MG ULTREX	cir refs: P7	
312	240-00026-21	PLUG CAP HOUSING 7-POS	cir refs: P3	Narr: P3
318	319-01167-00	SHIELD RX A3M2594 T2000		
330	219-02010-00	T2000 16W LOOM LOGIC RF	cir refs: P1	
336	219-02005-00	T2000 12W LOOM LOGIC RF LONG	cir refs: P2	
540	001-00011-70	DIODE 1N4001 1A/50V	cir refs: D306,D307,D308	
228	052-08630-10	COIL SHT A/W 1T/3.0MM SMD0.8MM	cir refs: L313	
230	052-08635-10	COIL SHT A/W 1T/3.5MM SMD0.8MM	cir refs: L324	
232	052-08640-10	COIL SHT A/W 1T/4.0MM SMD0.8MM	cir refs: #L322	
234	052-08645-10	COIL SHT A/W 1T/4.5MM SMD0.8MM	cir refs: L323	
240	000-00012-15	XSTR BD234 PNP AF PWR TO126	cir refs: Q304	
242	000-00032-47	XSTR MRF559 NPN XPACK 0.5W	cir refs: Q302	
256	004-00677-61	MOD RF PWR 800M M67760LC 20W	cir refs: #IC414	
322	051-00657-01	IND TX LINE 2K800MHZ 38MM SQ	cir refs: #L207	
326	201-00050-02	CABLE AUTO RED 7/0.32MM PVC		
338	240-02100-11	SKT COAX BNC 3.5MM PNL NO TAG		

344	303-23135-03	COVER BOTTOM T/T COMPL T2000
346	303-50077-00	CLIP T2000 AUDIO IC AND REG
350	308-13137-00	CHASSIS MIT MODULE T/T T2000
352	316-85094-01	PLATE BNC MTG UK 5X5 SERIES
354	319-01164-03	SHIELD DIE CAST T2000
360	349-00010-59	SCRW 6-32 * 3/8 P/PH T/T ZP
362	349-00020-30	SCRW T/T M3X6MM P/POZ BZ
364	349-00020-31	SCRW T/T M3X10MM P/POZI BZ
366	349-00020-59	SCRW T/T M3X8MM P/POZI ZC
368	349-00020-34	SCRW M3*12 P/POZI T/T BZ
370	349-00020-48	SCRW M4X25MM P/POZ T/T II BZ
372	349-00020-49	SCRW T/T M4X35MM P/POZ BZ
376	360-01053-03	PLUG PLASTIC DRANGE BLANKING
380	362-01027-01	GSKET RUBBER SEAL T2K MAIN CON
382	362-01028-00	GASKET130*3MM CONDUCT T2K
384	362-01058-00	GSKET TO126 11.1*7.9 D2.4 SIL
386	365-01391-02	LBL BLNK 30*10.8MM VOIDMATT
410	303-23134-04	COVER TOP T/T CMLPT T2000 SII
430	353-00010-10	WSHR M3 FLAT 7MM*0.6MM ST BZ
560	356-00021-00	STRAP GROUNDING M67760 PA

Narr: top cover