

Bill Of Materials **January 21, 2004**
Partlist: **93-113894**

8:43:12

Reference	Part	Description
BT1	Not_used	
BT2	500mAh	
C1001	100n	
C1002	10u	
C1003	100n	
C1004	22p	
C1005	1n	
C1006	1n	
C1007	100n	
C1008	22p	
C1009	10u	
C1010	100n	
C1011	22p	
C1012	22p	
C1013	10n	
C1014	8n2	
C1015	680p	
C1016	68n	
C1021	68n	
C1022	22p	
C1023	10n	
C1024	22p	
C1025	22p	
C1026	22p	
C1027	22p	
C1028	10n	
C1029	100u	
C1030	22p	
C1031	22p	
C1032	22p	
C1033	22p	
C1034	100p	
C1101	8n2	
C1102	4n7	
C1103	8n2	
C1104	1n	
C1105	100n	
C1106	10n	
C1107	10n	
C1108	10n	
C1109	10n	
C1110	4p7	
C1111	1p0	
C1113	10n	
C1114	22p	
C1115	100n	
C1116	1n	
C1117	100n	
C1118	100n	
C1119	10n	
C1120	Not_used	
C1121	Not_used	

C1122	10n
C1201	22p
C1202	10u
C1203	10n
C1204	10u
C1205	1n
C1206	22p
C1207	Not_used
C1208	Not_used
C1209	1n
C1210	5p6
C1215	1n
C1216	1n
C1217	10p
C1218	6p8
C1219	33p
C1220	33p
C1221	4p7
C1222	1n
C1223	1n
C1224	4p7
C1225	4n7
C1226	1n5
C1227	68n
C1228	1n
C1229	10n
C1230	1p2
C1231	1n
C1232	10u
C1234	220p
C1235	220p
C1236	220p
C1237	220p
C1239	10p
C1301	22p
C1302	10n
C1303	22p
C1304	1p
C1305	10p
C1306	100p
C1307	100p
C1308	6p8
C1309	6p8
C1310	1n
C1401	10u
C1402	100n
C1403	22p
C1404	100n
C1405	1n
C1406	22p
C1407	100n
C1408	10u
C1409	100n
C1410	22p
C1411	22p
C1412	10n

C1413	10n
C1414	10n
C1415	68n
C1420	68n
C1421	22p
C1422	10n
C1423	22p
C1424	22p
C1425	22p
C1426	22p
C1427	10n
C1428	100u
C1429	100n
C1430	100u
C1431	10u
C1432	22p
C1433	22p
C1434	22p
C1435	22p
C1436	100p
C1501	8n2
C1502	4n7
C1503	8n2
C1504	1n
C1505	1n
C1506	100n
C1507	10n
C1508	10n
C1509	10n
C1510	10n
C1511	4p7
C1512	2p7
C1514	10n
C1515	22p
C1517	10u
C1518	10u
C1519	10n
C1601	100n
C1602	100u
C1603	100n
C1604	100n
C1605	100n
C1607	100u
C1613	100n
C1622	100n
C1623	100n
C1625	100u
C1626	100u
C1628	100n
C1629	100u
C1630	10n
C1631	100n
C1642	100u
C1643	100n
C1644	100u
C1645	10n

C1646	Not_used
C1647	Not_used
C1648	2u2
C1649	100n
C1650	10n
C1651	100n
C1653	100n
C1654	10u
C1701	100n
C1702	100u
C1703	100n
C1704	100n
C1705	100n
C1706	10u
C1711	10u
C1712	10u
C1713	100n
C1714	Not_used
C1717	100n
C1719	100u
C1721	100n
C1722	100u
C1723	100n
C1724	100u
C1725	100n
C1726	10n
C1801	100n
C1802	100n
C1803	100n
C1804	10n
C1805	100n
C1806	100n
C1807	100n
C1808	10n
C1809	100n
C1810	100n
C1811	10u
C1812	100n
C1813	100n
C1814	1n
C1815	100n
C1816	10n
C1817	100n
C1818	100n
C1819	100n
C1820	100n
C1822	Not_used
C1823	Not_used
C1824	Not_used
C1901	100n
C1902	100n
C1903	100n
C1904	10n
C1905	100n
C1906	100n
C1907	100n

C1908	10n
C1909	100n
C1910	100n
C1911	10u
C1912	100n
C1913	100n
C1914	1n
C1915	100n
C1916	10n
C1917	Not_used
C1918	Not_used
C1919	Not_used
C2001	1n
C2002	4n7
C2003	100n
C2004	680p
C2005	680p
C2006	22p
C2007	100n
C2008	1n
C2009	4n7
C201	22p
C2010	22p
C2012	10n
C2013	680p
C2014	680p
C2015	100u
C2016	100n
C2017	1n
C2018	1n
C2019	10n
C202	10n
C2020	1n
C203	22p
C204	22p
C205	22p
C206	100n
C207	22p
C208	10n
C209	22p
C210	22p
C2102	Not_used
C2103	100n
C2104	100n
C2105	100n
C2106	10u
C2108	Not_used
C2109	Not_used
C211	10n
C2110	100n
C2111	100n
C2112	10u
C2113	10u
C2114	10n
C2115	100n
C2116	10n

C2117	100n
C2119	100n
C212	4p7
C2120	22p
C2121	100n
C2122	Not_used
C2123	100n
C2124	Not_used
C2125	10u
C2126	100n
C2127	1n
C2128	100n
C213	1p2
C214	22p
C215	22p
C216	22p
C217	Not_used
C218	22p
C219	Not_used
C220	1p5
C2201	100n
C2202	100n
C2203	100n
C2204	100n
C2205	100n
C2206	100n
C2207	100n
C2208	15n
C2209	100n
C221	150p
C2210	100n
C2211	22p
C2212	22p
C2213	100n
C2214	100n
C2215	100n
C2216	Not_used
C2217	Not_used
C2218	100n
C2219	100n
C222	4p7
C2220	100n
C2221	100n
C2222	100n
C2223	100n
C224	100n
C225	15n
C226	Not_used
C227	22p
C228	22p
C2301	100n
C2302	100n
C2303	100n
C2304	100n
C2305	100n
C2306	100n

C2401	100n
C2402	100n
C2403	10u
C2404	100n
C2405	100n
C2406	100n
C2407	10n
C2408	100n
C2409	10u
C2410	100n
C2411	100n
C2412	100n
C2413	100n
C2414	100n
C2415	100n
C2416	100n
C2417	100n
C2418	100n
C2419	100n
C2420	330p
C2421	330p
C2422	330p
C2423	330p
C2601	100p
C2602	100p
C2603	Not_used
C2604	Not_used
C2605	Not_used
C2606	Not_used
C2701	100n
C2702	100n
C2703	100n
C2704	100n
C2705	100n
C2706	100n
C2707	100n
C2708	100n
C2709	100n
C2801	100n
C2802	100n
C2803	100n
C2804	100n
C2805	100n
C2806	100n
C2807	100n
C2808	100n
C2809	100n
C2810	100n
C2811	100n
C2812	100n
C2813	100n
C2814	100n
C2815	100n
C2816	100n
C2817	100n
C2818	100n

C2819	100n
C2820	100n
C2821	100n
C2822	100n
C2823	100n
C2824	100n
C2825	100n
C2901	100n
C2902	100n
C2903	100n
C2904	100p
C2905	100p
C2906	100p
C2907	100p
C2908	10n
C2909	10n
C2910	100n
C2911	100n
C2912	100n
C2913	100n
C2914	1n
C2915	10n
C2916	1n
C2917	100n
C2918	1n
C3001	100n
C3002	100n
C3003	100n
C3004	100n
C3005	100n
C3006	100n
C3007	100u
C3008	100u
C3009	100n
C301	1p2
C3010	100n
C3011	100n
C3012	100n
C302	22p
C303	10n
C304	22p
C305	1p
C306	1p5
C307	1n
C308	1n
C309	1p0
C310	Not_used
C3101	10u
C3102	100n
C3103	100n
C3104	100n
C3105	100n
C3106	100n
C3107	100n
C3108	100n
C3109	100u

C311	Not_used
C3110	100n
C3111	100n
C3112	100n
C3113	100n
C3114	100n
C3115	100u
C3116	100n
C3117	100n
C3118	100n
C3119	100u
C312	Not_used
C3120	1u
C3122	100n
C3123	1u
C3124	100n
C313	Not_used
C314	Not_used
C316	Not_used
C318	0p5
C401	1n
C402	1n
C403	100n
C404	1n
C405	470n
C406	10n
C408	1n
C409	10n
C410	10n
C411	Not_used
C412	Not_used
C413	10n
C414	Not_used
C415	100n
C416	10n
C417	10n
C418	1n
C419	10u
C420	100n
C421	10n
C601	1n
C602	22p
C603	1n
C604	1n
C605	1n
C606	10u
C607	100n
C608	22p
C609	1n
C610	1n
C611	22p
C612	22p
C613	22p
C615	1n
C616	8p2
C617	10p

C618	15p
C619	33p
C620	Not_used
C622	1n
C623	220p
C624	220p
C625	8p2
C700	1n
C701	22p
C702	100n
C703	22p
C704	10n
C705	0p5
C707	22p
C708	3p3
C709	1n
C713	Not_used
C714	Not_used
C801	Not_used
C802	100n
C803	Not_used
C804	100n
C805	22p
C806	22p
C807	22p
C808	10n
C809	22p
C810	Not_used
C811	10n
C812	22p
C813	22p
C814	10n
C815	Not_used
C816	22p
C817	10n
C818	22p
C819	10n
C820	22p
C821	22p
C822	10n
C823	22p
C824	1p0
C825	1p5
C826	22p
C827	22p
C828	Not_used
C829	22p
C830	22p
C831	22p
C832	22p
C833	Not_used
C902	100n
C903	6p8
C906	22p
C907	22p
C908	22p

C909	100n	
C910	22p	
C911	10n	
C912	5p6	
C913	22p	
C914	22p	
C915	22p	
C916	22p	
C917	22p	
C918	10n	
C919	22p	
C920	10n	
C921	22p	
C922	1p0	
C923	22p	
C924	22p	
C925	Not_used	
C926	Not_used	
C927	22p	
C929	100n	
C931	4p7	
C932	22p	
C936	100n	
C941	22p	
C943	100n	
C944	Not_used	
C945	100n	
C947	22p	
C948	22p	
C950	22p	
C951	22p	
C952	Not_used	
C953	100n	
C954	Not_used	
C955	100n	
C956	100n	
C957	100n	
C958	100n	
C959	100n	
C960	100n	
C961	100n	
C962	10n	
C965	22p	
C966	22p	
CR1001	BAS16	Power Start Help
CR1002	BAT54S	PLL Protection
CR1101	BAS28	Mixer
CR1201	BBY39	2. LO Tuning
CR1401	BAS16	Power Start Help
CR1402	BAT54S	PLL Protection
CR1501	BAS28	Mixer
CR1603	BAS21	Power Start Help
CR1605	BAS21	Power Start Help
CR1701	BAS16	Line Protection
CR1702	BAS21	Power Start Help
CR1901	BAT54S	Potential Set Off

CR201	HSMS2825	Mixer
CR2101	BAS16	Power Start Help
CR2201	Not_used	
CR2202	BAS16	Protection
CR2601	BAS16	Line Protection
CR2602	BAS16	Line Protection
CR2603	BAS16	Line Protection
CR2604	BAS16	Line Protection
CR2605	BAS16	Line Protection
CR2606	BAS16	Line Protection
CR2607	BAS16	Line Protection
CR2608	BAS16	Line Protection
CR2801	BYD77	Protection
CR2802	BYD77	Protection
CR2803	BYD77	Protection
CR2804	BYD77	Protection
CR2805	BYD77	Protection
CR2806	BYD77	Protection
CR2807	BYD77	Protection
CR2808	BYD77	Protection
CR2809	BYD77	Protection
CR2810	BYD77	Protection
CR2811	BYD77	Protection
CR2812	BYD77	Protection
CR2813	BYD77	Protection
CR2814	BYD77	Protection
CR2815	BYD77	Protection
CR2816	BYD77	Protection
CR2817	BYD77	Protection
CR2818	BYD77	Protection
CR2819	BYD77	Protection
CR2820	BYD77	Protection
CR2821	BYD77	Protection
CR2822	BYD77	Protection
CR2823	BYD77	Protection
CR2824	BYD77	Protection
CR2901	BYD77	Line Protection
CR2902	BAS16	Line Protection
CR2903	BAS16	Line Protection
CR2904	BYD77	Protection
CR2905	BYD77	Protection
CR2906	BAS16	Line Protection
CR2907	BAS16	Line Protection
CR2908	BAS16	Line Protection
CR2909	BAS16	Line Protection
CR2910	BYD77	Protection
CR2911	BYD77	Protection
CR2914	BAS16	Line Protection
CR2915	BAS16	Line Protection
CR2916	BAS16	Line Protection
CR2917	BAS28	Line Protection
CR2918	BAS28	Line Protection
CR801	BAS16	Switch Circuit
CR901	HSMS2825	Tx Level Detector
CR902	HSMS2825	Tx Level Detector
CR903	BAT54S	ALC Voltage Limitation

CS1001	22n	
CS1002	22n	
CS1003	22n	
CS1401	22n	
CS1402	22n	
DS1001	RED	Out of Lock LED
DS1201	RED	Out of Lock LED
DS1401	RED	Out of Lock LED
DS2201	Red	LED
DS2202	Red	LED
DS2203	Red	LED
DS2301	Red	LED
DS2302	Red	LED
DS2303	Red	LED
DS2401	Red	LED
DS2402	Red	LED
DS2403	Red	LED
DS2404	Red	LED
DS2601	RED	LAN Tx LED
DS2602	RED	LAN Collision LED
DS2603	RED	LAN RX LED
DS2604	RED	LAN Link LED
DS3001	RED	LED
DS3002	RED	LED
E2601	800V	
E2602	800V	
E2603	800V	
E2604	800V	
E700	BLM11B421S	
F1801	SFSH4.5MEB2	
F1802	SFSH4.5MEB2	
F1901	SFSH4.5MEB2	
F1902	SFSH4.5MEB2	
F201	KFF6449A	
F301	TFS235A	
F401	CFEC1075MK1	
F402	CFEC1075MK1	
F403	Not_used	
F404	Not_used	
F801	KFF6450A	
F901	KFF6450A	
H1	Shield_Frame	
H2	Shield_Frame	
HY1201	STH-24R-1	
HY201	CP0805B1747AW	
HY901	SI-7L-1643GP	
HY902	CP0805B1747AW	
HY903	SI-7L-1643GP	
J1	CON68p	
J2	SMB_COAX	
J2101	8-188275-0	
J2201	Not_used	
J2301	Not_used	
J2401	Not_used	
J2501	Not_used	
J2701	CON7	

J2702	CONN10B-2x5
J2703	CONN10B-2x5
J2801	CONN10B-2x5
J3	SMB_COAX
J3003	Not_used
J3004	Not_used
J3101	Not_used
J3102	0R
J4	SMB_COAX
J5	CON8
J6	CONN-20
J7	CON-6
L1001	1uH
L1101	220uH
L1102	220uH
L1103	1u8H
L1104	10uH
L1201	47nH
L1202	18nH
L1203	47nH
L1205	180nH
L1301	39nH
L1302	47nH
L1501	220uH
L1502	220uH
L1503	1u8H
L1505	10uH
L1601	10uH
L1701	10uH
L2001	1uH
L201	39nH
L202	10n
L203	4n7H
L204	4n7H
L205	Not_used
L206	33nH
L207	39nH
L2901	Not_used
L301	150nH
L302	150nH
L303	33nH
L304	Not_used
L305	150nH
L306	180nH
L3101	5.6mH
L601	27nH
L602	27nH
L603	27nH
L701	4n7H
L702	2n7
L801	10nH
L802	3n9H
L803	3n9H
L804	33nH
L805	5n6H
L901	5n6H

L902	33nH	
L903	3n9H	
L904	33nH	
L905	2n2H	
L906	43nH	
L907	3n3H	
L909	5n6H	
Q1001	BC860B	LED Driver
Q1101	BF747	RF Amplifier
Q1201	BC860B	LED Driver
Q1401	BC860B	LED Driver
Q1501	BF747	RF Amplifier
Q1601	BSR17A	On Switch
Q1602	BSR17A	On Switch
Q1605	Si9426DY	Power Filter
Q1607	Si9426DY	Power Filter
Q1701	BSR17A	On Switch
Q1702	Si9426DY	Power Filter
Q1801	BC848B	Buffer
Q1901	BC848B	Buffer
Q201	FDV304P	RF Buffer
Q2401	BC848B	Current Amplifier
Q2901	BSR17A	FET Driver
Q2902	BSR17A	FET Driver
Q801	BC848B	FET Driver
Q802	FDV304P	Power Switch
Q803	FDV304P	Power Switch
R1001	1k00	
R1002	10R0	
R1003	10R0	
R1004	21k5	
R1005	1k00	
R1006	14R7	
R1007	14R7	
R1008	619R	
R1009	31R6	
R1010	10R0	
R1011	100k	
R1013	0R	
R1014	100R	
R1015	31k6	
R1016	562R	
R1017	51R1	
R1018	1k00	
R1019	51R1	
R1020	4k64	
R1021	10k0	
R1101	215R	
R1102	2k15	
R1103	562R	
R1104	562R	
R1105	10R0	
R1106	51R1	
R1107	1k21	
R1108	14k7	
R1109	1k00	

R1110	133R
R1111	1k47
R1112	1k00
R1113	464k
R1115	2k15
R1116	8k25
R1117	178R
R1118	2k15
R1119	10R0
R1120	10R0
R1121	10R0
R1122	562R
R1123	178R
R1125	0R
R1201	10R0
R1202	10R0
R1203	100k
R1207	31k6
R1208	1k00
R1212	17R8
R1213	681R
R1214	4k64
R1216	316R
R1217	261R
R1218	1k00
R1219	10R0
R1221	51R1
R1222	46k4
R1223	178R
R1224	100R
R1301	10R0
R1302	1k00
R1303	2k61
R1304	23R7
R1305	261R
R1306	261R
R1307	178R
R1308	68R1
R1309	68R1
R1401	10R0
R1402	31R6
R1403	10R0
R1404	10k0
R1405	28R7
R1406	14R7
R1407	14R7
R1408	316R
R1409	21R5
R1410	10R0
R1411	100k
R1413	10R0
R1414	31k6
R1415	147R
R1416	562R
R1418	1k00
R1420	51R1

R1421	10k0
R1422	51R1
R1423	4k64
R1501	215R
R1502	2k15
R1503	562R
R1504	562R
R1505	10R0
R1506	51R1
R1507	1k21
R1508	14k7
R1509	1k00
R1510	178R
R1511	750R
R1512	1k00
R1513	464k
R1515	1k47
R1516	8k25
R1517	178R
R1518	10R0
R1520	Not_used
R1604	46k4
R1605	46k4
R1608	46k4
R1609	10k0
R1610	10k0
R1611	46k4
R1612	6k81
R1613	100K
R1614	46k4
R1615	46k4
R1618	46k4
R1619	10k0
R1620	10k0
R1621	46k4
R1622	6k81
R1623	100K
R1624	10K
R1625	10K
R1701	0R
R1702	0R
R1705	0R
R1706	499k
R1707	169k
R1708	0R
R1710	46k4
R1712	46k4
R1713	10k0
R1715	10k0
R1716	3k83
R1717	100K
R1718	10K
R1801	10R0
R1802	10R0
R1803	1M00
R1804	3k83

R1805	681R
R1806	348R
R1807	1k00
R1808	10R0
R1809	10R0
R1810	10R0
R1811	464k
R1812	21k5
R1813	681R
R1814	100R
R1815	681R
R1816	1k00
R1817	12k1
R1818	316R
R1819	1k00
R1820	1k00
R1821	1k00
R1822	Not_used
R1901	10R0
R1902	10R0
R1903	1M00
R1904	3k83
R1905	681R
R1906	348R
R1907	1k00
R1908	10R0
R1909	10R0
R1910	10R0
R1911	464k
R1912	21k5
R1913	681R
R1914	100R
R1915	681R
R1916	1k00
R1917	12k1
R1918	274R
R1919	1k00
R1920	1k00
R1921	Not_used
R1922	1k00
R2002	9k09
R2003	3k65
R2004	2k67
R2005	2k67
R201	21R5
R2011	1k00
R2017	9k09
R2018	3k65
R2019	2k67
R202	51R1
R2020	2k67
R2023	2R15
R2024	21k5
R203	1k00
R204	2R15
R205	10k0

R206	2R15
R207	147R
R208	121R
R209	75R0
R210	75R0
R2102	10R0
R2103	26R1
R2104	Not_used
R2105	14k7
R2107	Not_used
R2109	10R0
R211	215R
R2110	2R15
R2111	2R15
R2112	10R0
R2113	10k0
R2114	10k0
R2115	1k21
R2116	Not_used
R2117	1k21
R2118	Not_used
R2121	51R1
R2122	Not_used
R2123	10R0
R2124	10R0
R2125	10R0
R2126	0R
R2127	1k00
R2128	1k00
R2129	Not_used
R213	1k00
R2131	316R
R2132	1k00
R2134	0R
R2135	100R
R2136	21k5
R2137	464k
R2138	Not_used
R2139	0R
R214	1k00
R2140	0R
R2142	Not_used
R216	51R1
R217	10k0
R218	100k
R219	51R1
R2201	0R
R2202	0R
R2203	4K64
R2204	0R
R2205	10k0
R2207	10k0
R2209	4K64
R221	10k0
R2210	10k0
R2211	2K15

R2212	4K64
R2213	1k00
R2214	0R
R2215	0R
R2216	0R
R2217	1k00
R2218	10k0
R2219	215k
R222	681R
R2220	10M
R2221	10M
R2222	4K64
R2223	4K64
R2224	Not_used
R2225	0R
R2226	0R
R2227	10k0
R2228	10k0
R2229	10k0
R2230	10k0
R2231	Not_used
R2232	2K15
R2233	4K64
R2234	100R
R2235	4K64
R2236	10k0
R2237	10k0
R2238	4K64
R2239	1k00
R224	10R0
R2240	1k00
R2241	1k00
R2242	1k00
R2245	Not_used
R2246	Not_used
R2247	Not_used
R2248	1k00
R2249	Not_used
R225	75R0
R2250	0R
R2251	Not_used
R2252	Not_used
R2253	0R
R2254	0R
R2255	0R
R2256	0R
R2257	0R
R2258	Not_used
R2259	0R
R226	75R0
R227	121R
R228	51R1
R2301	0R
R2302	0R
R2303	0R
R2304	10k0

R2305	Not_used
R2306	Not_used
R2401	0R
R2402	10R0
R2403	10R0
R2404	21k5
R2405	0R
R2406	10R0
R2407	10R0
R2408	10k0
R2409	4K64
R2410	4K64
R2411	4K64
R2412	1k00
R2413	1k00
R2414	1k00
R2415	1k00
R2416	4K64
R2417	0R
R2418	10k0
R2419	0R
R2420	Not_used
R2421	Not_used
R2422	Not_used
R2423	10k0
R2601	1k00
R2602	1k00
R2603	1k00
R2604	1k00
R2605	200R
R2606	200R
R2607	23R7
R2608	23R7
R2609	23R7
R2610	23R7
R2611	7K5
R2701	10k0
R2702	0R
R2703	0R
R2704	10k0
R2705	10k0
R2706	0R
R2801	0R
R2803	200R
R2804	100K
R2805	200R
R2806	100K
R2807	200R
R2808	100K
R2809	200R
R2810	10R0
R2811	200R
R2812	200R
R2901	100R
R2902	0R
R2903	Not_used

R2904	2k15
R2905	Not_used
R2906	0R
R2907	Not_used
R2908	0R
R2909	4k64
R2910	4k64
R2911	10k0
R2912	68R1
R2913	68R1
R2914	31K6
R2915	100R
R2916	75K
R2917	75K
R2918	38K3
R2919	1k00
R2920	1k00
R2927	0R
R2928	Not_used
R2929	2k67
R2930	2k67
R2931	7k5
R2932	100k
R2933	1M00
R2934	100k
R2935	75k0
R2936	31k6
R2937	2k67
R2938	2k67
R2939	7k5
R2940	0R
R2941	2R15
R2942	100R
R2943	100R
R3001	10k0
R3002	0R
R3003	10R0
R3004	10R0
R3005	0R
R3006	1k00
R3007	1k00
R3008	Not_used
R3009	10k0
R301	562R
R3010	10k0
R3011	Not_used
R3012	10K0
R3013	Not_used
R3014	10k0
R3015	Not_used
R3016	0R
R302	10R0
R303	2k61
R304	562R
R305	51R1
R306	1k00

R307	5R62
R308	1k00
R309	Not_used
R310	51R1
R3101	0R
R3102	0R
R3103	0R
R3104	0R
R3105	0R
R3106	Not_used
R3107	0R
R3111	Not_used
R3112	Not_used
R3113	Not_used
R3114	Not_used
R3115	Not_used
R3116	Not_used
R3117	Not_used
R3118	Not_used
R3119	Not_used
R3120	Not_used
R3121	10k0
R3122	10k0
R3123	10k0
R401	51R1
R402	2R15
R403	31R6
R404	2k15
R405	1k00
R407	46k4
R408	316R
R409	825R
R410	825R
R411	316R
R412	316R
R413	215R
R414	1k00
R416	51R1
R417	1k47
R418	46k4
R419	4k64
R420	110R
R421	82R5
R601	0R
R604	2k00
R605	332R
R607	2k00
R608	332R
R610	68R1
R611	100R
R612	100R
R614	1k00
R615	51R1
R619	0R0
R700	2R15
R701	0R0

R702	56R2
R703	464R
R704	51R1
R707	Not_used
R708	1k00
R709	51R1
R801	Not_used
R802	2R15
R803	10k0
R804	2R15
R805	10k0
R806	10k0
R807	10k0
R808	562R
R809	147R
R810	147R
R811	10R0
R812	2R15
R813	Not_used
R814	100R
R815	Not_used
R816	2R15
R817	Not_used
R818	1k21
R819	100R
R820	100R
R821	1k21
R822	51R1
R823	4k64
R824	4k64
R825	1k00
R826	6R81
R827	1k00
R902	31R6
R903	215R
R904	215R
R905	10R0
R906	51R1
R907	10R0
R908	562R
R910	4k64
R911	31R6
R912	178R
R913	178R
R914	1k00
R915	51R1
R917	464k
R918	147k
R921	10k0
R922	21k5
R923	51R1
R927	4k64
R928	1k00
R929	75R0
R930	110R
R931	51R1

R932	110R
R933	1k00
R934	1k00
R939	2k00
R940	1k00
R941	1k00
R942	2k00
R943	10k0
R944	Not_used
R945	10R0
R946	100k
R947	75R0
R950	511R
R951	511R
R953	464k
R954	1k00
R955	51R1
RS1001	4x33R
RS1201	4x33R
RS1401	4x33R
RS2201	4x10K
RS2202	4x10K
RS2203	4x10K
RS2301	4x10k
RS2302	4x10k
RS2303	4x10k
RS2304	4x10k
RS2305	1k00
RS2306	4x10k
RS2401	4x10k
RS2402	4x10k
RS2403	4x10k
RS2404	4x10k
RS2405	4x10k
RS2406	4x10k
RS2601	4x10K
RS2602	4x1K
RS2701	4x10k
RS2702	4x10k
RS3001	4x10K
RS3002	4x10K
RS3003	4x10K
RS3004	4x220R
RS3005	4x10K
RS3006	4x10K
RS3007	4x10K
RS3008	4x10K
RS3009	4x10K
RS3010	4x10K
RS901	4x33R
S2201	DIPSW4
T2601	TG75-1406N
T2901	T5037
T901	PD15-73
TP1001	1.Lo_Tune
TP1002	1.Lo_NoLD

TP1003	1.Lo_Fln
TP1101	1LO_104kHz
TP1102	1LO_21.4MHz
TP1201	2LO_NOLOCKDETECT
TP1202	2LO_Tune
TP1203	2LO_FIN
TP1401	3LO_TUNE
TP1402	3LO_NOLOCKDETECT
TP1403	3LO_FIN
TP1501	104kHz
TP1502	3LO_21.6MHz
TP1601	3.3VA
TP1602	3.0VRx
TP1603	3.0VRxLO
TP1604	3.0VTx
TP1605	3.0VTxLO
TP1606	3.0VA
TP1607	3.0VRefOsc
TP1701	4.9VTxOutBuf
TP1702	-5.0VA
TP1703	4.9V1LO
TP1704	4.9VTx
TP1706	TP
TP1801	4.5MHz
TP1802	4.5MHz
TP1901	4.5MHz
TP1902	4.5MHz
TP2001	TP
TP201	1._LO
TP202	235MHz
TP203	TP
TP2101	21.504MHz
TP2102	CPU
TP2103	ISDN
TP2104	DSP
TP2105	A/D-D/A
TP2106	BURST
TP2107	FPGA
TP2108	UART
TP2109	LAN
TP2110	1.2V_typ.
TP2111	21.504MHz
TP2112	21.504MHz
TP2201	TP
TP2202	TP
TP2203	TP
TP2204	DIP4
TP2205	DIP3
TP2206	DIP2
TP2207	DIP1
TP2208	TP
TP2209	TP
TP2210	TP
TP2301	TP
TP2302	TP
TP2401	TP

TP2402	TP	
TP2601	TP	
TP2602	TP	
TP2603	TP	
TP2604	TP	
TP2605	TP	
TP2606	TP	
TP2607	TP	
TP2701	TP	
TP2702	TP	
TP2707	TP	
TP2708	TP	
TP2709	TP	
TP2710	TP	
TP2711	TP	
TP2712	TP	
TP2713	TP	
TP2714	TP	
TP2715	TP	
TP2716	TP	
TP2717	TP	
TP2718	TP	
TP2801	TP	
TP2802	TP	
TP2804	TP	
TP2805	TP	
TP2901	TP	
TP2902	TP	
TP2903	TP	
TP3001	TP	
TP301	235.008MHz	
TP302	TP	
TP3101	TP	
TP401	IF_Out	
TP403	TP	
TP404	TP	
TP405	TP	
TP601	TP	
TP602	TP	
TP603	TP	
TP604	TP	
TP605	TP	
TP700	Mod_Out	
TP701	TP	
TP801	ALC_Control	
TP802	'-42 dBm $\pm$ 2.5 dB'	
TP901	'-29.5 dBm $\pm$ 1.5 dB'	
TP902	ALC_Level_1.1V	
TP903	ALC_Ref._2.2V	
TP905	TP	
TP906	TP	
TP907	TP	
U1001	ADF4113	VCO
U1002	BGA420	PLL Amplifier
U1101	74LCX04	Buffer Inverter
U1102	74LCX74	Divider

U1103	TC7S04F	Buffer Inverter
U1104	TC7S04F	Buffer Inverter
U1201	LMX2306	PLL
U1202	MAX2620	VCO
U1301	BGA420	Amplifier
U1401	ADF4113	PLL
U1402	BGA420	PLL Amplifier
U1501	74LCX04	Buffer Inverter
U1502	TC7S04F	Amplifier
U1602	SI4965DY	Power Switch
U1603		7101 Power Filter
U1605	SI4965DY	Power Switch
U1606		7101 Power Filter
U1608	LP2988	Linear Voltage Regulator
U1701		7101 Power Filter
U1702	L79L05AB	Linear Voltage Regulator
U1703	TPS7101	Linear Voltage Regulator
U1705	SI4953DY	Power Switch
U1801	74LVC162374	16 bit Latch
U1802	AD9831	DDS
U1803	74VHC373	8 bit Latch
U1804	74LVC74	Divider
U1805	74HC40103	8 bit Binary Counter
U1806	TC7S04F	Inverter
U1901	AD9831	DDS
U1902	74LVC74	Divider
U1903	74HC40103	8 bit Binary Counter
U1904	TC7S04F	Inverter
U2001	MC33204D	Filter
U2003	TLE2142CD	Buffer for Voltage Reference
U201	UPC2709	Amplifier
U202	RF2324	Amplifier
U203	MD54-0006	Mixer
U206	NC7S04	Inverter
U207	NC7S04	Inverter
U2106	MC74HC4053D	VCXO Tune Selector
U2107	Not_used	
U2108	NC7S08	Rx Clock Switch
U2109	NC7SZ04	Buffer Inverter
U2111	FS6370	4 x Clock Divider
U2112	FS6370	4 x Clock Divider
U2113	TC7S04F	Inverter
U2114	NC7S08	Tx Clock Switch
U2115	TC7S04F	Inverter
U2116	NC7S08	Loopback Switch
U2117	AD5321	I2C A/D Converter for ALC Slow
U2118	TC7S04F	Buffer for Ref OSC
U2119	NC7S08	TX Switch
U2120	NC7S08	Loopback Switch
U2201	MPC823	CPU
U2202	Am29dl323	Flash
U2203	Am29dl323	Flash
U2204	K6F1616U6A	SRAM
U2205	K6F1616U6A	SRAM
U2206	MAX793S	Watchdog
U2207	74LVC138	Chip Selector

U2208	K6F1616U6A	SRAM
U2209	K6F1616U6A	SRAM
U2210	74LVC162374	Configuration Word
U2211	Not_used	
U2212	74LVC08	And Gate
U2213	NC7S08	And Gate
U2301	ADSP2189M-bga	VFC DSP
U2302	74LVC32	OR Gate
U2303	Not_used	
U2401	ADSP2189M-bga	Frame DSP
U2402	AD7805	4-channel A/D Converter
U2403	Not_used	
U2404	TC7S04F	Inverter
U2405	NC7S08	And Gate
U2406	TC7S04F	Inverter
U2407	LMC7111	Driver
U2408	AD7729	A/D Converter
U2409	Not_used	
U2601	LXT905	10Base-T Transceiver
U2701	XC2S50	Turbo FPGA
U2702	KM616V1002CT-12	SRAM
U2703	NC7S08	Clock Switch
U2801	16C654	Quad UART
U2802	MAX3222	RS232 Converter
U2804	MAX3222	RS232 Converter
U2806	74LVC162374	16 bit Latch
U2807	MAX3488	RS422 Converter
U2808	74LVC162374	16 bit Latch
U2809	MAX3488	RS422 Converter
U2810	MAX3488	RS422 Converter
U2811	NC7S08	Power Delay Switch
U2812	NC7S08	Power Delay Switch
U2901	MC145574	ISDN Transceiver
U2902	AD7829	A/D Converter
U2903	EL7212C	Gate Driver
U2904	IRF7350	Fet Switch
U2905	IRF7350	Fet Switch
U2906	MAX998EUT-T	Comperator
U3001	XC2S50	FPGA
U3002	Not_used	
U3003	Not_used	
U3004	XCF02S	PROM
U301	BGA420	Amplifier
U3101	CAT24WC04	I2C EEPROM
U3102	AD7416	I2C Temperatur Sensor
U3103	Not_used	
U3105	MIC5209	Linear Voltage Regulator
U3106	MIC5209	Linear Voltage Regulator
U3107	SC1453-3.2	Linear Voltage Regulator
U401	AD607	Mixer W. AGC
U601	U2793B	Quadrature Modulator
U700	UPC8187TB	Up Converter
U801	RF2361	RF Amplifier
U802	RF2361	RF Amplifier
U803	RF2361	RF Amplifier
U804	MA4P274CK	Attenuator

U805	MA4P274CK	Attenuator
U902	NC7S08	Buffer
U903	RF2361	RF Amplifier
U904	HMC306MS10	Attenuator
U905	OPA4743	ALC Amplifier
U906	LMC7211	ALC Level Detector
U907	MC74HC4053D	ALC Selector
U908	AHCT1G08	Buffer
U909	AHCT1G08	Buffer
U910	MC74HC4053D	ALC Selector
VR2001	LM4040-2.5	
VR2401	LM4040-2.5	
VR2801	1.5SMC6.8AT3	
VR2802	1SMB5.0AT3	
VR2803	1.5SMC6.8AT3	
VR2901	1.5SMC47AT3	
VR2902	18V0	
VR2903	18V0	
VR901	1SMB5.0AT3	
Y1001	VCO191-1305U	
Y1101	MQF21.4-3000/2	
Y1102	MQF21.4-3000/2	
Y1401	MQE921-1840	
Y1501	21S302B-21.608MHz	
Y1502	21S302B-21.608MHz	
Y2101	Not_used	
Y2102	VTXO510RDW-3	
Y2201	32K768	
Z2901	25V	
Z2902	25V	