

Bill Of Materials April 16,2003 12:32:53

Partlist: 93-117496

Reference	Value	Description
BT3101	3V65_LITHIUM	
BT3102	Not_used	
BT3103	Not_used	
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	56p
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	1p0
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
C1608	100u
C1610	100n
C1611	10n
C1612	100n
C1613	100n
C1614	100n
C1616	100u
C1617	100u
C1619	100n
C1620	10n
C1621	100n
C1622	100n

C1623	100n
C1625	100u
C1626	100u
C1628	100n
C1629	10n
C1630	100n
C1631	100n
C1632	100n
C1634	100u
C1635	100u
C1637	100n
C1638	10n
C1639	100n
C1640	100n
C1641	10u
C1642	10u
C1643	100n
C1644	10n
C1645	100n
C1646	100n
C1647	10u
C1648	10u
C1649	100n
C1650	10n
C1651	100n
C1701	100n
C1702	100u
C1703	100n
C1704	100n
C1705	100n
C1706	10u
C1707	10u
C1708	10u
C1709	100n
C1710	100n
C1711	10u
C1712	10u
C1713	100n
C1714	100n
C1715	100u
C1717	100n
C1719	100u
C1720	100n
C1721	100n
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
C2102	100n
C2103	100n

C2104	100n
C2105	100n
C2106	10u
C2108	Not_used
C2109	Not_used
C2110	100n
C2111	100n
C2112	10u
C2113	10u
C2114	10n
C2115	100n
C2116	10n
C2117	100n
C2119	100n
C2120	22p
C2121	100n
C2122	Not_used
C2123	100n
C2124	Not_used
C2125	10u
C2126	100n
C2127	1n
C2128	100n
C214	22p
C215	22p
C216	22p
C217	5n6H
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	22p
C2220	100n
C2221	100n
C2222	100n
C2223	100n
C225	15n

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
C2501	100p
C2502	100n
C2503	100n
C2504	100n
C2505	100n
C2506	100n
C2507	Not_used
C2508	Not_used
C2601	220p
C2602	100n
C2603	100n
C2604	10p
C2605	10p
C2606	100n
C2607	100n
C2608	56p
C2609	56p
C2610	100n
C2611	100n
C2612	100n
C2613	100n
C2614	47p
C2615	47p
C2616	100n
C2617	100n
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
C2815	100n
C2816	100n
C2817	100n
C2818	100n
C2819	100n
C2820	100n
C2821	100n
C2822	100n
C2823	100n
C2824	100n
C2825	100n
C2826	100n
C2901	100n
C2902	100n
C2903	100n
C2904	100p
C2905	100p
C2906	100p
C2907	100p
C2908	10n
C2909	10n
C2910	100n
C3003	100n
C3004	100n
C3005	100n
C3006	100n
C3009	100n
C301	1p5
C3010	100n
C3011	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
C3126	15p
C3127	10n
C313	Not_used
C314	Not_used
C315	150nH
C316	Not_used
C317	180nH
C318	0p5
C3201	22p
C3202	22p
C3203	22p
C3204	22p
C3205	10n
C3206	22p
C3207	10n
C3208	22p
C3209	22p
C3210	22p
C3211	22p
C3212	22p
C3213	10n
C3214	22p
C3215	10n
C3216	22p
C3217	22p
C3218	22p
C3219	1p2
C3220	22p

C3221	1p2
C3222	100n
C3223	100n
C3224	22p
C3225	Not_used
C3226	10n
C3227	22p
C3228	22p
C3229	10n
C3230	4p7
C3231	4p7
C3232	1p0
C3233	100n
C3234	22p
C3301	100n
C3302	22p
C3303	22p
C3304	22p
C3305	22p
C3306	100n
C3307	22p
C3308	1n
C3309	100n
C3310	22p
C3311	22p
C3313	22p
C3314	1p8
C3315	22p
C3316	Not_used
C3317	100n
C3401	100p
C3402	100p
C3403	Not_used
C3404	Not_used
C3405	Not_used
C3406	Not_used
C3501	100n
C3502	100n
C3503	100n
C3504	100n
C3505	100n
C3506	100n
C3507	100n
C3508	100n
C3509	100n
C3510	100n
C3511	100n
C3512	100n
C3601	100n
C3602	100n
C3603	100n
C3604	100n
C3607	100n
C3608	100n
C3609	100n
C3610	100p

C3611	100u
C3612	100n
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
C902	100n
C906	22p
C908	22p
C909	100n
C910	22p
C911	10n
C913	22p
C914	22p
C915	22p
C916	22p
C917	22p
C918	10n
C919	22p
C921	22p
C922	1p0
C923	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	
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
CR1701	BAS16	Power Protection
CR1901	BAT54S	Potential Set Off
CR2101	BAS16	Power Start Help
CR2201	Not_used	
CR2202	BAS16	
CR2601	BAS28	Line Protection
CR2602	BAS28	Line Protection
CR2603	BYD77	Line Protection
CR2604	BYD77	Line Protection
CR2605	BYD77	Line Protection
CR2606	BYD77	Line Protection
CR2607	BAT54	ARINC Interface Protection
CR2608	BAT54	ARINC Interface Protection
CR2801	BYD77	Line Protection
CR2802	BYD77	Line Protection
CR2803	BYD77	Line Protection
CR2804	BYD77	Line Protection
CR2901	BYD77	Protection
CR2902	BAS16	Protection
CR2903	BAS16	Protection
CR2904	BYD77	Protection
CR2905	BYD77	Protection
CR2906	BAS16	Protection
CR2907	BAS16	Protection
CR2908	BAS16	Protection
CR2909	BAS16	Protection
CR2910	BYD77	Protection
CR2911	BYD77	Protection
CR2912	BYD77	Protection
CR2913	BYD77	Protection

CR2914	BAS16	Protection
CR2915	BAS16	Protection
CR2916	BAS16	Protection
CR2917	BAS28	Protection
CR2918	BAS28	Protection
CR2919	BAS28	Protection
CR3201	HSMS2825	Mixer
CR3401	BAS16	Protection
CR3402	BAS16	Protection
CR3403	BAS16	Protection
CR3404	BAS16	Protection
CR3405	BAS16	Protection
CR3406	BAS16	Protection
CR3407	BAS16	Protection
CR3408	BAS16	Protection
CR3501	BYD77	Protection
CR3502	BYD77	Protection
CR3503	BYD77	Protection
CR3504	BYD77	Protection
CR3505	BYD77	Protection
CR3506	BYD77	Protection
CR3507	BYD77	Protection
CR3508	BYD77	Protection
CR3509	BYD77	Protection
CR3510	BYD77	Protection
CR3511	BYD77	Protection
CR3512	BYD77	Protection
CR3513	BYD77	Protection
CR3514	BYD77	Protection
CR3601	BYD77	Protection
CR3602	BYD77	Protection
CR3603	BYD77	Protection
CR3604	BYD77	Protection
CR3605	BYD77	Protection
CR3606	BYD77	Protection
CR3607	BYD77	Protection
CR3608	BYD77	Protection
CR3610	BAS28	Pulse Shaper
CR3611	BAS21	Input Voltage 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
DS2501	Red_led	Failure LED
DS2502	Green_led	Self Test LED
DS3001	RED	LED
DS3002	RED	LED
DS3401	RED	LAN Tx LED
DS3402	RED	LAN Collision LED
DS3403	RED	LAN Rx LED
DS3404	RED	LAN Link LED
E2601	90V	
E2602	90V	
E3401	800V	
E3402	800V	
E3403	800V	
E3404	800V	
E700	BLM11B421S	
F1801	SFSH4.5MEB2	
F1802	SFSH4.5MEB2	
F1901	SFSH4.5MEB2	
F1902	SFSH4.5MEB2	
F201	KFF6449A	
F301	TFS235A	
F401	ESK1075M1-AO-010C	
F402	ESK1075M1-AO-010C	
F801	KFF6450A	
F901	KFF6450A	
H1	Shield_Frame	
H2	Shield_Frame	
H3	Shield_Frame	
HY1201	STH-24R-1	
HY3201	D19G	
HY901	SI-7L-1643GP	
HY902	D19G	
HY903	SI-7L-1643GP	
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	6n8H	
L204	4n7H	
L205	Not_used	
L206	33nH	
L301	150nH	
L302	150nH	
L303	33nH	
L304	Not_used	
L3101	5.6mH	
L3201	17n5H	
L3202	4n7H	
L3203	4n7H	
L3204	10nH	
L3205	3n9H	
L3301	39nH	
L3302	4n7H	
L3303	6n8H	
L601	27nH	
L602	27nH	
L603	27nH	
L701	4n7H	
L702	2n7	
L801	10nH	
L802	3n9H	
L803	3n9H	
L804	33nH	
L805	5n6H	
L903	3n9H	
L905	2n2H	
L906	43nH	
L907	3n3H	
L909	6n8H	
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
Q1701	BSR17A	On Switch
Q1801	BC848B	Buffer
Q1901	BC848B	Buffer
Q2401	BC848B	Current Amplifier
Q3201	FDV304P	Power Suply Switch
Q801	BC848B	Power Suply Switch
Q802	FDV304P	Power Suply Switch
Q803	FDV304P	Power Suply 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	0R0
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
R1601	0R
R1602	0R
R1603	46k4
R1604	46k4
R1605	46k4
R1606	0R
R1607	46k4
R1608	46k4
R1609	10k0
R1610	10k0
R1611	46k4
R1612	0R
R1613	46k4
R1614	46k4

R1615	46k4
R1616	0R
R1617	46k4
R1618	46k4
R1619	10k0
R1620	10k0
R1621	46k4
R1622	0R
R1623	46k4
R1624	0R
R1625	46k4
R1701	0R
R1702	0R
R1703	536k
R1704	169k
R1705	0R
R1706	536k
R1707	169k
R1708	0R
R1709	536k
R1710	46k4
R1711	169k
R1712	46k4
R1713	10k0
R1715	10k0
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
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	1k47
R2116	Not_used
R2117	1k21
R2118	Not_used
R2121	51R1
R2122	10R0
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	Not_used
R2140	0R0
R216	51R1
R217	10k0
R218	100k
R2201	0R
R2202	0R
R2203	4K64
R2204	0R
R2205	10k0
R2207	10k0
R2209	4K64
R221	10k0
R2210	10K
R2211	2K15
R2212	4K64
R2213	1k00
R2214	0R
R2215	0R
R2216	0R
R2217	1k00
R2218	10k0
R2219	215k
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
R2240	1k00
R2241	1k00
R2242	1k00
R2245	Not_used
R2246	Not_used
R2247	Not_used
R2248	1k00
R2249	Not_used
R2250	0R

R2251	Not_used
R2252	Not_used
R2253	0R
R2254	0R
R2255	0R
R2256	0R
R2257	0R
R2258	Not_used
R2259	0R
R2260	0R
R2261	0R
R2262	0R
R2301	0R
R2302	0R
R2303	0R
R2304	10k0
R2305	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
R2501	215R
R2502	215R
R2503	10k0
R2504	51R1
R2505	51R1
R2506	14K7
R2507	215R
R2509	1K0
R2510	1K0
R2511	1K0
R2512	1K0
R2513	1K0
R2514	1K0
R2515	0R
R2517	10K
R2518	10K
R2519	100R0

R2520	100R0
R2521	Not_used
R2522	10K
R2523	14K7
R2601	30K1
R2602	30K1
R2603	1k00
R2604	12K1
R2605	12K1
R2606	4K64
R2607	4K64
R2608	30K0
R2609	30K0
R2610	10k0
R2611	6K2
R2612	10k0
R2613	6K19
R2614	100K
R2615	100K
R2701	10k0
R2702	0R
R2703	0R
R2704	10k0
R2705	10k0
R2706	0R
R2801	0R
R2802	10k0
R2803	0R
R2804	Not_used
R2805	0R
R2806	Not_used
R2807	10k0
R2808	10k0
R2809	0R
R2810	10R0
R2811	Not_used
R2812	0R
R2813	Not_used
R2814	0R
R2815	Not_used
R2901	100R
R2902	0R
R2903	Not_used
R2904	2k15
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	3K83
R2930	2K37
R2931	2K15
R2932	10K
R2933	1K
R2934	1K
R2935	12K
R2936	1K
R3002	0R
R3005	0R
R3006	1k00
R3007	1k00
R3008	Not_used
R3009	10k0
R301	562R
R3010	10k0
R3011	Not_used
R3012	10K
R3013	Not_used
R3014	Not_used
R3015	10k0
R302	10R0
R303	2k61
R304	562R
R305	51R1
R306	1k00
R307	5R62
R308	1k00
R309	Not_used
R310	51R1
R3101	0R
R3102	Not_used
R3103	0R
R3104	0R
R3105	0R
R3106	Not_used
R3107	0R
R3108	Not_used
R3109	Not_used
R3110	100k
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	0R
R3122	Not_used
R3123	Not_used
R3124	1k96

R3125	1k96
R3126	6K81
R3127	6K81
R3128	6K81
R3129	6K81
R3130	6K81
R3131	6K81
R3132	6K81
R3133	560R0
R3134	560R0
R3135	12k0
R3136	12k0
R3137	Not_used
R3138	Not_used
R3139	10k0
R3140	Not_used
R3141	10k0
R3142	10k0
R3143	6K81
R3144	6K81
R3145	6K81
R3146	6K81
R3201	51R1
R3202	562R
R3203	10R0
R3204	562R
R3205	10R0
R3206	51R1
R3207	51R1
R3208	10k0
R3209	14R7
R3210	316R
R3211	316R
R3212	10R0
R3213	2R15
R3214	10k0
R3215	2R15
R3216	51R1
R3217	316R
R3218	1k00
R3219	348R
R3220	56R2
R3221	56R2
R3222	4n7H
R3223	10R0
R3224	1k00
R3301	51R1
R3302	10R0
R3303	4k64
R3304	12R1
R3305	464R
R3306	464R
R3307	51R1
R3401	1k00
R3402	1k00
R3403	1k00

R3404	1k00
R3405	200R
R3406	200R
R3407	23R7
R3408	23R7
R3409	23R7
R3410	23R7
R3411	7K5
R3501	100K
R3502	100K
R3601	Not_used
R3602	Not_used
R3606	100R
R3607	46K4
R3608	26K1
R3609	68K1
R3610	10k0
R3611	Not_used
R3612	0R0
R3613	10k0
R3614	Not_used
R3615	0R0
R3616	Not_used
R3617	0R0
R3618	Not_used
R3619	0R0
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	38R8
R611	121R
R612	121R
R614	1k00
R615	51R1
R619	0R0

R700	2R15
R701	0R
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	2k15
R819	100R
R820	100R
R821	2k15
R822	51R1
R823	1k62
R824	909R
R825	Not_used
R826	0R0
R827	Not_used
R905	10R0
R906	51R1
R907	10R0
R908	562R
R910	4k64
R911	42R2
R912	133R
R913	133R
R914	1k00
R915	51R1
R917	464k
R918	147k
R921	10k0
R922	21k5
R923	51R1
R927	4k64
R928	1k00
R929	121R
R930	56R2
R931	348R
R932	56R2

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	
RN1	Ror_nitte	
RN2	Ror_nitte	
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	
RS2701	4x10k	
RS2702	4x10k	
RS3001	4x10K	
RS3002	4x10K	
RS3005	4x10K	
RS3006	4x10K	
RS3007	4x10K	
RS3008	4x10K	
RS3009	4x10K	
RS3010	4x10K	
RS3301	4x33R	
RS3401	4x10K	
RS3402	4x1K	
RS901	4x33R	
S2201	DIPSW4	
S2501	reset_switch	
T2901	T5037	
T3401	TG75-1406N	
U0201	UPC2709	Amplifier
U0203	MD54-0006	Mixer
U0301	BGA420	Amplifier

U0401	AD607	Mixer W. AGC
U0601	U2793B	Quadrature Modulator
U0700	UPC8187TB	Upconverter
U0801	RF2361	RF Amplifier
U0802	RF2361	RF Amplifier
U0803	RF2361	RF Amplifier
U0804	MA4P274CK	Attenuator
U0805	MA4P274CK	Attenuator
U0902	NC7S08	Buffer
U0903	RF2361	RF Amplifier
U0904	HMC306MS10	Attenuator
U0905	OPA4743	OpAmp. ALC circuit
U0906	LMC7211	ALC level Detector
U0907	MC74HC4053D	ALC Selector
U0908	AHCT1G08	Buffer
U0909	AHCT1G08	Buffer
U0910	MC74HC4053D	ALC Selector
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
U1601	MC33263	Voltage Regulator
U1602	SI4965DY	Switch
U1603	MC33263	Voltage Regulator
U1604	MC33263	Voltage Regulator
U1605	SI4965DY	Switch
U1606	MC33263	Voltage Regulator
U1607	MC33263	Voltage Regulator
U1608	MC33263	Voltage Regulator
U1701	TPS7101	Voltage Regulator
U1702	L79L05AB	Voltage Regulator
U1703	TPS7101	Voltage Regulator
U1704	TPS7101	Voltage Regulator
U1705	SI4953DY	Switch
U1801	74LVC162374	16 bit Latch
U1802	AD9831	DDS
U1803	74VHC373	8 bit Latch
U1804	74LVC74	Divider
U1805	74HC40103	Divider
U1806	TC7S04F	Pulse Shaper
U1901	AD9831	DDS
U1902	74LVC74	Divider
U1903	74HC40103	Divider
U1904	TC7S04F	Pulse Shaper
U2001	MC33204D	Filter
U2003	TLE2142CD	Buffer For Voltage Reference
U2106	MC74HC4053D	VCXO Tune selector

U2107	Not_used	
U2108	NC7S08	Rx Switch
U2109	NC7SZ04	OSC Buffer
U2111	FS6370	4 x Clock divider
U2112	FS6370	4 x Clock divider
U2113	TC7S04F	CLK Buffer
U2114	NC7S08	Tx Switch
U2115	TC7S04F	Buffer Inverter
U2116	NC7S08	Loopback Switch
U2117	AD5321	A/D converter for ALC Slow
U2118	TC7S04F	Buffer For Ref OSC
U2201	MPC823	Power PC
U2202	Am29dl323	Flash
U2203	Am29dl323	Flash
U2204	K6F1616U6A	SRAM
U2205	K6F1616U6A	SRAM
U2206	MAX793S	Watchdog
U2207	74LVC138	Chip Select
U2208	K6F1616U6A	SRAM
U2209	K6F1616U6A	SRAM
U2210	74LVC162374	16 bit Latch
U2211	Not_used	
U2212	74LVC08	And gate
U2213	74LVC08	And gate
U2301	ADSP2189M-bga	Voice DSP
U2302	74LVC32	Or gate
U2401	ADSP2189M-bga	Frame DSP
U2402	AD7805	4-channel D/A converter
U2404	TC7S04F	Buffer Inverter
U2405	NC7S08	Or gate
U2406	TC7S04F	Buffer Inverter
U2407	LMC7111	Driver for Q2401
U2408	AD7729	A/D Converter
U2601	LM6134	Balance to Single Line
U2602	LM2901	Filter
U2603	3182	ARINC Line Driver
U2701	XC2S50	FPGA
U2702	KM616V1002CT-12	SRAM
U2703	NC7S08	Clock Switch
U2801	16C654	Quad Uart
U2802	MAX3222	RS232 converter
U2803	MAX3222	RS232 converter
U2804	MAX3222	RS232 converter
U2805	TC7S04F	Rear Com Override
U2806	74LVC162374	16 bit Latch
U2808	74LVC162374	16 bit Latch
U2811	NC7S08	Carrier On Switch
U2812	NC7S08	Carrier On Switch
U2901	MC145574	ISDN Interface
U2902	AD7829	Voltage Monitor A/D Converter
U3001	XC2S50	FPGA
U3002	Not_used	
U3003	XC17S50	PROM
U3101	CAT24WC04	EEPROM
U3102	AD7416	Temp Sensor
U3103	MIC5209	Voltage Regulator

U3105	MIC5209	Voltage Regulator
U3106	MIC5209	Voltage Regulator
U3107	SC1453	Voltage Regulator
U3108	Not_used	
U3109	8593	Calender
U3201	AA100-59	RF Attenuator
U3202	RF2361	RF Amplifier
U3203	RF2361	RF Amplifier
U3204	NC7SZ04	RF Amplifier
U3205	NC7SZ04	RF Amplifier
U3206	RF2324	RF Amplifier
U3301	PCF8574TS	Tx Level Controller
U3302	HMC306MS10	RF Attenuator
U3303	AH1	RF Amplifier
U3304	NC7S08	Reduce Carier
U3305	NC7S08	Reduce Carier
U3401	LXT905	LAN Interface
U3501	MAX3222	MPDS Interface
U3502	MAX3222	MPDS Interface
U3601	MC33298	Discrete Output Interface
U3602	74VHC14	Discrete Reset Circuit
U3603	74HCT365	Discrete Reset Circuit
U3604	NC7SZ125	
VR2001	LM4040-2.5	
VR2401	LM4040-2.5	
VR2601	1SMB5.0AT3	
VR2602	1SMB5.0AT3	
VR2901	1.5SMC47AT3	
VR3101	MAX6006A	
VR3102	MAX6009A	
VR3103	Not_used	
VR3501	1.5SMC15AT3	
VR3502	1.5SMC15AT3	
VR3601	1.5SMC39AT3	
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	
Y3101	32K768	
Z2501	SRDA03.3-6	
Z2901	25V	
Z3601	30V	