

# **PAMS Technical Documentation**

## **NSD-3 Series Transceivers**

### **Part lists**

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**Parts list of UF4D (NSD-3AX)** (EDMS Issue 12.5) Code: 0201023

ITEM	CODE	DESCRIPTION	VALUE	TYPE
R101	1430778	Chip resistor	10 k	5 % 0.063 W 0402
R102	1430754	Chip resistor	1.0 k	5 % 0.063 W 0402
R103	1430796	Chip resistor	47 k	5 % 0.063 W 0402
R104	1430726	Chip resistor	100	5 % 0.063 W 0402
R105	1430812	Chip resistor	220 k	5 % 0.063 W 0402
R106	1430778	Chip resistor	10 k	5 % 0.063 W 0402
R107	1430770	Chip resistor	4.7 k	5 % 0.063 W 0402
R108	1430691	Chip resistor	2.2	5 % 0.063 W 0402
R110	1430762	Chip resistor	2.2 k	5 % 0.063 W 0402
R111	1430754	Chip resistor	1.0 k	5 % 0.063 W 0402
R112	1430786	Chip resistor	18 k	5 % 0.063 W 0402
R113	1430754	Chip resistor	1.0 k	5 % 0.063 W 0402
R114	1430796	Chip resistor	47 k	5 % 0.063 W 0402
R115	1430726	Chip resistor	100	5 % 0.063 W 0402
R116	1430690	Chip jumper		0402
R117	1430778	Chip resistor	10 k	5 % 0.063 W 0402
R119	1430754	Chip resistor	1.0 k	5 % 0.063 W 0402
R121	1430770	Chip resistor	4.7 k	5 % 0.063 W 0402
R122	1620031	Res network 0w06 2x1k0 j	0404	0404
R123	1430778	Chip resistor	10 k	5 % 0.063 W 0402
R124	1430796	Chip resistor	47 k	5 % 0.063 W 0402
R126	1430778	Chip resistor	10 k	5 % 0.063 W 0402
R127	1430778	Chip resistor	10 k	5 % 0.063 W 0402
R131	1430690	Chip jumper		0402
R132	1430762	Chip resistor	2.2 k	5 % 0.063 W 0402
R134	1430690	Chip jumper		0402
R139	1620031	Res network 0w06 2x1k0 j	0404	0404
R142	1430762	Chip resistor	2.2 k	5 % 0.063 W 0402
R144	1430744	Chip resistor	470	5 % 0.063 W 0402
R145	1430744	Chip resistor	470	5 % 0.063 W 0402
R146	1430744	Chip resistor	470	5 % 0.063 W 0402
R147	1430718	Chip resistor	47	5 % 0.063 W 0402
R148	1430718	Chip resistor	47	5 % 0.063 W 0402
R149	1430718	Chip resistor	47	5 % 0.063 W 0402
R150	1430718	Chip resistor	47	5 % 0.063 W 0402
R201	1430764	Chip resistor	3.3 k	5 % 0.063 W 0402
R203	1430804	Chip resistor	100 k	5 % 0.063 W 0402
R204	1430796	Chip resistor	47 k	5 % 0.063 W 0402
R205	1430796	Chip resistor	47 k	5 % 0.063 W 0402
R206	1430762	Chip resistor	2.2 k	5 % 0.063 W 0402
R207	1430762	Chip resistor	2.2 k	5 % 0.063 W 0402
R208	1430762	Chip resistor	2.2 k	5 % 0.063 W 0402
R209	1430718	Chip resistor	47	5 % 0.063 W 0402
R210	1430718	Chip resistor	47	5 % 0.063 W 0402

R211	1430740	Chip resistor	330	5 % 0.063 W 0402
R212	1430812	Chip resistor	220 k	5 % 0.063 W 0402
R213	1430796	Chip resistor	47 k	5 % 0.063 W 0402
R214	1430718	Chip resistor	47	5 % 0.063 W 0402
R215	1430796	Chip resistor	47 k	5 % 0.063 W 0402
R216	1430754	Chip resistor	1.0 k	5 % 0.063 W 0402
R217	1430754	Chip resistor	1.0 k	5 % 0.063 W 0402
R218	1430788	Chip resistor	22 k	5 % 0.063 W 0402
R219	1430812	Chip resistor	220 k	5 % 0.063 W 0402
R220	1430804	Chip resistor	100 k	5 % 0.063 W 0402
R302	1430700	Chip resistor	10	5 % 0.063 W 0402
R303	1430834	Chip resistor	3.3 M	5 % 0.063 W 0402
R304	1430800	Chip resistor	68 k	5 % 0.063 W 0402
R305	1430808	Chip resistor	150 k	5 % 0.063 W 0402
R306	1430796	Chip resistor	47 k	5 % 0.063 W 0402
R308	1825005	Chip varistor vwm14v vc30v	0805	0805
R309	1430830	Chip resistor	1.0 M	5 % 0.063 W 0402
R310	1430778	Chip resistor	10 k	5 % 0.063 W 0402
R311	1430830	Chip resistor	1.0 M	5 % 0.063 W 0402
R312	1430830	Chip resistor	1.0 M	5 % 0.063 W 0402
R313	1430804	Chip resistor	100 k	5 % 0.063 W 0402
R314	1430796	Chip resistor	47 k	5 % 0.063 W 0402
R315	1430778	Chip resistor	10 k	5 % 0.063 W 0402
R316	1422881	Chip resistor	0.22	5 % 1 W 1218
R317	1430804	Chip resistor	100 k	5 % 0.063 W 0402
R318	1430804	Chip resistor	100 k	5 % 0.063 W 0402
R319	1430804	Chip resistor	100 k	5 % 0.063 W 0402
R321	1430778	Chip resistor	10 k	5 % 0.063 W 0402
R325	1430778	Chip resistor	10 k	5 % 0.063 W 0402
R326	1430778	Chip resistor	10 k	5 % 0.063 W 0402
R327	1430778	Chip resistor	10 k	5 % 0.063 W 0402
R328	1430804	Chip resistor	100 k	5 % 0.063 W 0402
R501	1430720	Chip resistor	56	5 % 0.063 W 0402
R502	1430726	Chip resistor	100	5 % 0.063 W 0402
R503	1430788	Chip resistor	22 k	5 % 0.063 W 0402
R504	1430804	Chip resistor	100 k	5 % 0.063 W 0402
R505	1430754	Chip resistor	1.0 k	5 % 0.063 W 0402
R506	1430700	Chip resistor	10	5 % 0.063 W 0402
R507	1430740	Chip resistor	330	5 % 0.063 W 0402
R508	1430700	Chip resistor	10	5 % 0.063 W 0402
R509	1430778	Chip resistor	10 k	5 % 0.063 W 0402
R510	1430762	Chip resistor	2.2 k	5 % 0.063 W 0402
R511	1430762	Chip resistor	2.2 k	5 % 0.063 W 0402
R512	1430700	Chip resistor	10	5 % 0.063 W 0402
R514	1620101	Res network 0w06 2x470r j	0404	0404
R515	1430804	Chip resistor	100 k	5 % 0.063 W 0402
R516	1430722	Chip resistor	68	5 % 0.063 W 0402
R517	1430728	Chip resistor	120	5 % 0.063 W 0402

R518	1430722	Chip resistor	68	5 % 0.063 W 0402
R519	1430758	Chip resistor	1.5 k	5 % 0.063 W 0402
R520	1430754	Chip resistor	1.0 k	5 % 0.063 W 0402
R521	1430726	Chip resistor	100	5 % 0.063 W 0402
R522	1430754	Chip resistor	1.0 k	5 % 0.063 W 0402
R523	1430762	Chip resistor	2.2 k	5 % 0.063 W 0402
R524	1430726	Chip resistor	100	5 % 0.063 W 0402
R525	1430726	Chip resistor	100	5 % 0.063 W 0402
R526	1430764	Chip resistor	3.3 k	5 % 0.063 W 0402
R527	1430742	Chip resistor	390	5 % 0.063 W 0402
R528	1430778	Chip resistor	10 k	5 % 0.063 W 0402
R529	1430764	Chip resistor	3.3 k	5 % 0.063 W 0402
R530	1430740	Chip resistor	330	5 % 0.063 W 0402
R531	1430788	Chip resistor	22 k	5 % 0.063 W 0402
R532	1430796	Chip resistor	47 k	5 % 0.063 W 0402
R533	1430720	Chip resistor	56	5 % 0.063 W 0402
R534	1430754	Chip resistor	1.0 k	5 % 0.063 W 0402
R535	1430740	Chip resistor	330	5 % 0.063 W 0402
R536	1430720	Chip resistor	56	5 % 0.063 W 0402
R537	1430764	Chip resistor	3.3 k	5 % 0.063 W 0402
R538	1430804	Chip resistor	100 k	5 % 0.063 W 0402
R539	1430744	Chip resistor	470	5 % 0.063 W 0402
R540	1430762	Chip resistor	2.2 k	5 % 0.063 W 0402
R542	1430726	Chip resistor	100	5 % 0.063 W 0402
R545	1430770	Chip resistor	4.7 k	5 % 0.063 W 0402
R546	1430762	Chip resistor	2.2 k	5 % 0.063 W 0402
R549	1430804	Chip resistor	100 k	5 % 0.063 W 0402
R601	1430792	Chip resistor	33 k	5 % 0.063 W 0402
R602	1430744	Chip resistor	470	5 % 0.063 W 0402
R603	1430778	Chip resistor	10 k	5 % 0.063 W 0402
R605	1430726	Chip resistor	100	5 % 0.063 W 0402
R606	1430762	Chip resistor	2.2 k	5 % 0.063 W 0402
R607	1430804	Chip resistor	100 k	5 % 0.063 W 0402
R608	1430804	Chip resistor	100 k	5 % 0.063 W 0402
R609	1430754	Chip resistor	1.0 k	5 % 0.063 W 0402
R610	1430792	Chip resistor	33 k	5 % 0.063 W 0402
R611	1820035	NTC resistor	47 k	5 % 0805
R612	1430748	Chip resistor	680	5 % 0.063 W 0402
R613	1430778	Chip resistor	10 k	5 % 0.063 W 0402
R614	1430740	Chip resistor	330	5 % 0.063 W 0402
R615	1430804	Chip resistor	100 k	5 % 0.063 W 0402
R616	1430700	Chip resistor	10	5 % 0.063 W 0402
R617	1430712	Chip resistor	27	5 % 0.063 W 0402
R618	1430716	Chip resistor	39	5 % 0.063 W 0402
R619	1430718	Chip resistor	47	5 % 0.063 W 0402
R620	1430804	Chip resistor	100 k	5 % 0.063 W 0402
R621	1430700	Chip resistor	10	5 % 0.063 W 0402
R622	1430784	Chip resistor	15 k	5 % 0.063 W 0402

R623	1430778	Chip resistor	10 k	5 % 0.063 W 0402
R624	1430778	Chip resistor	10 k	5 % 0.063 W 0402
R625	1430744	Chip resistor	470	5 % 0.063 W 0402
R626	1430718	Chip resistor	47	5 % 0.063 W 0402
R627	1430754	Chip resistor	1.0 k	5 % 0.063 W 0402
R629	1430690	Chip jumper		0402
R631	1430728	Chip resistor	120	5 % 0.063 W 0402
R633	1430726	Chip resistor	100	5 % 0.063 W 0402
R640	1430758	Chip resistor	1.5 k	5 % 0.063 W 0402
R641	1430784	Chip resistor	15 k	5 % 0.063 W 0402
R701	1430726	Chip resistor	100	5 % 0.063 W 0402
R702	1430754	Chip resistor	1.0 k	5 % 0.063 W 0402
R703	1430708	Chip resistor	18	5 % 0.063 W 0402
R704	1430710	Chip resistor	22	5 % 0.063 W 0402
R705	1430770	Chip resistor	4.7 k	5 % 0.063 W 0402
R706	1430770	Chip resistor	4.7 k	5 % 0.063 W 0402
R707	1430786	Chip resistor	18 k	5 % 0.063 W 0402
R708	1430762	Chip resistor	2.2 k	5 % 0.063 W 0402
R709	1430762	Chip resistor	2.2 k	5 % 0.063 W 0402
R710	1430754	Chip resistor	1.0 k	5 % 0.063 W 0402
R711	1430764	Chip resistor	3.3 k	5 % 0.063 W 0402
R712	1430708	Chip resistor	18	5 % 0.063 W 0402
R713	1430718	Chip resistor	47	5 % 0.063 W 0402
R716	1430720	Chip resistor	56	5 % 0.063 W 0402
R717	1430724	Chip resistor	82	5 % 0.063 W 0402
R718	1430724	Chip resistor	82	5 % 0.063 W 0402
R721	1430722	Chip resistor	68	5 % 0.063 W 0402
R722	1430744	Chip resistor	470	5 % 0.063 W 0402
C101	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C102	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C103	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C104	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C105	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C106	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C107	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C108	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C109	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C110	2320620	Ceramic cap.	10 n	5 % 16 V 0402
C111	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C112	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C113	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C114	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C115	2312401	Ceramic cap.	1.0 u	10 % 10 V 0805
C116	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C117	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C119	2320568	Ceramic cap.	220 p	5 % 50 V 0402
C120	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C121	2320620	Ceramic cap.	10 n	5 % 16 V 0402

C122	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C123	2312401	Ceramic cap.	1.0 u	10 % 10 V 0805
C124	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C125	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C126	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C127	2312401	Ceramic cap.	1.0 u	10 % 10 V 0805
C129	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C130	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C131	2320620	Ceramic cap.	10 n	5 % 16 V 0402
C132	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C201	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C202	2310003	Ceramic cap.	470 n	10 % 16 V 0805
C203	2310003	Ceramic cap.	470 n	10 % 16 V 0805
C204	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C205	2610200	Tantalum cap.	2.2 u	20 % 2.0x1.3x1.2
C206	2310003	Ceramic cap.	470 n	10 % 16 V 0805
C207	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C208	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C209	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C210	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C211	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C212	2312401	Ceramic cap.	1.0 u	10 % 10 V 0805
C213	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C214	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C215	2320764	Ceramic cap.	6.8 n	10 % 25 V 0402
C216	2320618	Ceramic cap.	4.7 n	5 % 25 V 0402
C217	2320618	Ceramic cap.	4.7 n	5 % 25 V 0402
C218	2320604	Ceramic cap.	18 p	5 % 50 V 0402
C219	2320604	Ceramic cap.	18 p	5 % 50 V 0402
C220	2320779	Ceramic cap.	100 n	10 % 16 V 0603
C221	2320779	Ceramic cap.	100 n	10 % 16 V 0603
C222	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C223	2310003	Ceramic cap.	470 n	10 % 16 V 0805
C224	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C225	2610200	Tantalum cap.	2.2 u	20 % 2.0x1.3x1.2
C226	2610200	Tantalum cap.	2.2 u	20 % 2.0x1.3x1.2
C227	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C228	2310003	Ceramic cap.	470 n	10 % 16 V 0805
C229	2312401	Ceramic cap.	1.0 u	10 % 10 V 0805
C230	2312296	Ceramic cap.		Y5 V 1210
C231	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C232	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C233	2320604	Ceramic cap.	18 p	5 % 50 V 0402
C234	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C235	2310003	Ceramic cap.	470 n	10 % 16 V 0805
C236	2320604	Ceramic cap.	18 p	5 % 50 V 0402
C237	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C238	2320560	Ceramic cap.	100 p	5 % 50 V 0402

C239	2320576	Ceramic cap.	470 p	5 % 50 V 0402
C242	2320779	Ceramic cap.	100 n	10 % 16 V 0603
C245	2320604	Ceramic cap.	18 p	5 % 50 V 0402
C246	2320779	Ceramic cap.	100 n	10 % 16 V 0603
C248	2312296	Ceramic cap.		Y5 V 1210
C301	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C302	2320538	Ceramic cap.	12 p	5 % 50 V 0402
C303	2312403	Ceramic cap.	2.2 u	10 % 10 V 1206
C304	2610005	Tantalum cap.	10 u	20 % 16 V 3.5x2.8x1.9
C305	2312401	Ceramic cap.	1.0 u	10 % 10 V 0805
C306	2312401	Ceramic cap.	1.0 u	10 % 10 V 0805
C307	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C308	2312296	Ceramic cap.		Y5 V 1210
C309	2320508	Ceramic cap.	1.0 p	0.25 % 50 V 0402
C310	2610200	Tantalum cap.	2.2 u	20 % 2.0x1.3x1.2
C311	2312401	Ceramic cap.	1.0 u	10 % 10 V 0805
C312	2312296	Ceramic cap.		Y5 V 1210
C313	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C314	2312401	Ceramic cap.	1.0 u	10 % 10 V 0805
C315	2312401	Ceramic cap.	1.0 u	10 % 10 V 0805
C316	2312401	Ceramic cap.	1.0 u	10 % 10 V 0805
C317	2320779	Ceramic cap.	100 n	10 % 16 V 0603
C318	2310791	Ceramic cap.	33 n	20 % 50 V 0805
C319	2312401	Ceramic cap.	1.0 u	10 % 10 V 0805
C320	2312401	Ceramic cap.	1.0 u	10 % 10 V 0805
C321	2610003	Tantalum cap.	10 u	20 % 10 V 3.2x1.6x1.6
C322	2312401	Ceramic cap.	1.0 u	10 % 10 V 0805
C323	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C324	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C325	2312401	Ceramic cap.	1.0 u	10 % 10 V 0805
C326	2610100	Tantalum cap.	1 u	20 % 10 V 2.0x1.3x1.2
C327	2610100	Tantalum cap.	1 u	20 % 10 V 2.0x1.3x1.2
C328	2312401	Ceramic cap.	1.0 u	10 % 10 V 0805
C329	2310791	Ceramic cap.	33 n	20 % 50 V 0805
C330	2610100	Tantalum cap.	1 u	20 % 10 V 2.0x1.3x1.2
C331	2610100	Tantalum cap.	1 u	20 % 10 V 2.0x1.3x1.2
C332	2610100	Tantalum cap.	1 u	20 % 10 V 2.0x1.3x1.2
C333	2310003	Ceramic cap.	470 n	10 % 16 V 0805
C334	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C335	2312401	Ceramic cap.	1.0 u	10 % 10 V 0805
C336	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C337	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C338	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C339	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C340	2312211	Ceramic cap.	3.3 u	10 % 0805
C502	2320546	Ceramic cap.	27 p	5 % 50 V 0402
C503	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C504	2610003	Tantalum cap.	10 u	20 % 10 V 3.2x1.6x1.6



C505	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C507	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C508	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C509	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C510	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C511	2320532	Ceramic cap.	6.8 p	0.25 % 50 V 0402
C512	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C513	2610200	Tantalum cap.	2.2 u	20 % 2.0x1.3x1.2
C514	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C515	2320520	Ceramic cap.	2.2 p	0.25 % 50 V 0402
C516	2320550	Ceramic cap.	39 p	5 % 50 V 0402
C518	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C519	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C520	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C521	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C522	2320576	Ceramic cap.	470 p	5 % 50 V 0402
C523	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C524	2320508	Ceramic cap.	1.0 p	0.25 % 50 V 0402
C525	2610003	Tantalum cap.	10 u	20 % 10 V 3.2x1.6x1.6
C526	2610200	Tantalum cap.	2.2 u	20 % 2.0x1.3x1.2
C527	2610200	Tantalum cap.	2.2 u	20 % 2.0x1.3x1.2
C528	2320764	Ceramic cap.	6.8 n	10 % 25 V 0402
C529	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C530	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C531	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C532	2610003	Tantalum cap.	10 u	20 % 10 V 3.2x1.6x1.6
C533	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C534	2320576	Ceramic cap.	470 p	5 % 50 V 0402
C535	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C536	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C538	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C539	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C540	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C541	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C544	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C545	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C547	2610200	Tantalum cap.	2.2 u	20 % 2.0x1.3x1.2
C549	2320779	Ceramic cap.	100 n	10 % 16 V 0603
C550	2320618	Ceramic cap.	4.7 n	5 % 25 V 0402
C551	2610003	Tantalum cap.	10 u	20 % 10 V 3.2x1.6x1.6
C552	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C553	2320540	Ceramic cap.	15 p	5 % 50 V 0402
C555	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C556	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C557	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C559	2320540	Ceramic cap.	15 p	5 % 50 V 0402
C561	2312401	Ceramic cap.	1.0 u	10 % 10 V 0805
C564	2320618	Ceramic cap.	4.7 n	5 % 25 V 0402

C566	2610100	Tantalum cap.	1 u	20 % 10 V 2.0x1.3x1.2
C567	2320620	Ceramic cap.	10 n	5 % 16 V 0402
C568	2610200	Tantalum cap.	2.2 u	20 % 2.0x1.3x1.2
C570	2320534	Ceramic cap.	8.2 p	0.25 % 50 V 0402
C572	2320540	Ceramic cap.	15 p	5 % 50 V 0402
C574	2320618	Ceramic cap.	4.7 n	5 % 25 V 0402
C576	2320534	Ceramic cap.	8.2 p	0.25 % 50 V 0402
C577	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C579	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C581	2320532	Ceramic cap.	6.8 p	0.25 % 50 V 0402
C583	2420015	Ceramic cap.	47 n	5 % 16 V 1206
C584	2610003	Tantalum cap.	10 u	20 % 10 V 3.2x1.6x1.6
C601	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C602	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C603	2320518	Ceramic cap.	1.8 p	0.25 % 50 V 0402
C604	2320568	Ceramic cap.	220 p	5 % 50 V 0402
C605	2320534	Ceramic cap.	8.2 p	0.25 % 50 V 0402
C606	2320568	Ceramic cap.	220 p	5 % 50 V 0402
C607	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C608	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C609	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C610	2312296	Ceramic cap.		Y5 V 1210
C611	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C612	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C613	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C614	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C615	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C616	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C617	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C618	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C619	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C620	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C621	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C622	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C623	2320620	Ceramic cap.	10 n	5 % 16 V 0402
C624	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C625	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C626	2320518	Ceramic cap.	1.8 p	0.25 % 50 V 0402
C627	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C628	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C629	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C630	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C631	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C632	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C633	2320538	Ceramic cap.	12 p	5 % 50 V 0402
C634	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C635	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C636	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402

C637	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C638	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C639	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C640	2320620	Ceramic cap.	10 n	5 % 16 V 0402
C641	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C642	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C643	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C644	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C645	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C646	2320554	Ceramic cap.	56 p	5 % 50 V 0402
C647	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C648	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C649	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C650	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C651	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C652	2320562	Ceramic cap.	120 p	5 % 50 V 0402
C653	2320520	Ceramic cap.	2.2 p	0.25 % 50 V 0402
C654	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C655	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C656	2320538	Ceramic cap.	12 p	5 % 50 V 0402
C657	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C658	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C659	2312296	Ceramic cap.		Y5 V 1210
C660	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C661	2320590	Ceramic cap.	1.8 n	5 % 50 V 0402
C663	2312296	Ceramic cap.		Y5 V 1210
C664	2320568	Ceramic cap.	220 p	5 % 50 V 0402
C665	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C667	2320562	Ceramic cap.	120 p	5 % 50 V 0402
C668	2320572	Ceramic cap.	330 p	5 % 50 V 0402
C669	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C670	2320568	Ceramic cap.	220 p	5 % 50 V 0402
C671	2320522	Ceramic cap.	2.7 p	0.25 % 50 V 0402
C672	2320534	Ceramic cap.	8.2 p	0.25 % 50 V 0402
C673	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C674	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C675	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C676	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C677	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C678	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C679	2320532	Ceramic cap.	6.8 p	0.25 % 50 V 0402
C680	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C681	2320538	Ceramic cap.	12 p	5 % 50 V 0402
C682	2320538	Ceramic cap.	12 p	5 % 50 V 0402
C683	2320524	Ceramic cap.	3.3 p	0.25 % 50 V 0402
C685	2320620	Ceramic cap.	10 n	5 % 16 V 0402
C686	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C687	2320536	Ceramic cap.	10 p	5 % 50 V 0402

C688	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C689	2320620	Ceramic cap.	10 n	5 % 16 V 0402
C690	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C691	2320516	Ceramic cap.	1.5 p	0.25 % 50 V 0402
C693	2320520	Ceramic cap.	2.2 p	0.25 % 50 V 0402
C694	2320620	Ceramic cap.	10 n	5 % 16 V 0402
C695	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C696	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C701	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C702	2320520	Ceramic cap.	2.2 p	0.25 % 50 V 0402
C703	2320524	Ceramic cap.	3.3 p	0.25 % 50 V 0402
C704	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C705	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C706	2320620	Ceramic cap.	10 n	5 % 16 V 0402
C707	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C708	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C709	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C710	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C711	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C712	2320620	Ceramic cap.	10 n	5 % 16 V 0402
C713	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C714	2320604	Ceramic cap.	18 p	5 % 50 V 0402
C715	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C716	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C717	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C718	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C719	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C720	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C721	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C722	2320618	Ceramic cap.	4.7 n	5 % 25 V 0402
C723	2320618	Ceramic cap.	4.7 n	5 % 25 V 0402
C724	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C725	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C726	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C727	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C728	2320524	Ceramic cap.	3.3 p	0.25 % 50 V 0402
C729	2320604	Ceramic cap.	18 p	5 % 50 V 0402
C730	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C731	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C732	2320620	Ceramic cap.	10 n	5 % 16 V 0402
C733	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C734	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C735	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C736	2320618	Ceramic cap.	4.7 n	5 % 25 V 0402
C737	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C738	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C740	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C741	2320604	Ceramic cap.	18 p	5 % 50 V 0402

C742	2320604	Ceramic cap.	18 p	5 % 50 V 0402
C743	2320586	Ceramic cap.	1.2 n	5 % 50 V 0402
C744	2320620	Ceramic cap.	10 n	5 % 16 V 0402
C746	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C747	2320604	Ceramic cap.	18 p	5 % 50 V 0402
C748	2320604	Ceramic cap.	18 p	5 % 50 V 0402
C749	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C750	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C751	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C752	2320524	Ceramic cap.	3.3 p	0.25 % 50 V 0402
C753	2320586	Ceramic cap.	1.2 n	5 % 50 V 0402
C754	2320586	Ceramic cap.	1.2 n	5 % 50 V 0402
L201	3203709	Ferrite bead 0.5r 120r/100m	0402	0402
L301	3203705	Ferrite bead 0.015r 42r/100m	0805	0805
L302	3203705	Ferrite bead 0.015r 42r/100m	0805	0805
L303	3203705	Ferrite bead 0.015r 42r/100m	0805	0805
L502	3203709	Ferrite bead 0.5r 120r/100m	0402	0402
L504	3203709	Ferrite bead 0.5r 120r/100m	0402	0402
L505	3645185	Chip coil	10 n	5 % Q=12/100 MHz 0603
L506	3645217	Chip coil	15 n	5 % Q=35/250 MHz 0603
L507	3645185	Chip coil	10 n	5 % Q=12/100 MHz 0603
L508	3645217	Chip coil	15 n	5 % Q=35/250 MHz 0603
L509	3645219	Chip coil	10 n	5 % Q=31/250 MHz 0603
L601	3645035	Chip coil	47 n	5 % Q=12/100 MHz 0603
L602	3645201	Chip coil	56 n	5 % Q=38/200 MHz 0603
L603	3645201	Chip coil	56 n	5 % Q=38/200 MHz 0603
L604	3645035	Chip coil	47 n	5 % Q=12/100 MHz 0603
L605	3645213	Chip coil	22 n	5 % Q=38/250 MHz 0603
L606	3643033	Chip coil	120 n	5 % Q=40/150 MHz 0805
L607	3645157	Chip coil	100 n	10 % Q=12/100 MHz 0603
L608	3645157	Chip coil	100 n	10 % Q=12/100 MHz 0603
L609	3640059	Chip coil	56 n	5 % Q=8/100 MHz 0603
L610	3640059	Chip coil	56 n	5 % Q=8/100 MHz 0603
L611	3645219	Chip coil	10 n	5 % Q=31/250 MHz 0603
L612	3645213	Chip coil	22 n	5 % Q=38/250 MHz 0603
L614	3645017	Chip coil	5 n	10 % Q=10/100 MHz 0603
L615	3645163	Chip coil	22 n	10 % Q=12/100 MHz 0603
L617	3645163	Chip coil	22 n	10 % Q=12/100 MHz 0603
L618	3645211	Chip coil	6 n	10 % Q=27/250 MHz 0603
L619	3645185	Chip coil	10 n	5 % Q=12/100 MHz 0603
L701	3645203	Chip coil	180 n	10 % Q=15/25 MHz 0603
L702	3643067	Chip coil	100 u	5 % Q=15/796 kHz 1008
L703	3641622	Chip coil	220 n	5 % Q=30/100 MHz 0805
L704	3645213	Chip coil	22 n	5 % Q=38/250 MHz 0603
L705	3645157	Chip coil	100 n	10 % Q=12/100 MHz 0603
L706	3645225	Chip coil	72 n	5 % Q=34/150 MHz 0603
L707	3645221	Chip coil	27 n	5 % Q=40/250 MHz 0603
L708	3645223	Chip coil	33 n	5 % Q=40/250 MHz 0603

L709	3641622	Chip coil	220 n	5 % Q=30/100 MHz 0805
L710	3645223	Chip coil	33 n	5 % Q=40/250 MHz 0603
L711	3645017	Chip coil	5 n	10 % Q=10/100 MHz 0603
L713	3645157	Chip coil	100 n	10 % Q=12/100 MHz 0603
L714	3645227	Chip coil	100 n	5 % Q=34/150 MHz 0603
L715	3641622	Chip coil	220 n	5 % Q=30/100 MHz 0805
L716	3645227	Chip coil	100 n	5 % Q=34/150 MHz 0603
L717	3645221	Chip coil	27 n	5 % Q=40/250 MHz 0603
L718	3645201	Chip coil	56 n	5 % Q=38/200 MHz 0603
L719	3645219	Chip coil	10 n	5 % Q=31/250 MHz 0603
L720	3641601	Chip coil	150 n	2 % Q=35/100 MHz 0805
B301	4510003	Crystal	32.768 k	+20PPM 8x3.8
G501	4510233	VCTCXO	19.2 M	+1.5PPM 2.8V CDMA
G502	4350181	Vco 2045-2135mhz 2.8v	cdma	CDMA
G503	4350183	Vco 990-1030mhz 2.7v 22ma	cdma	CDMA
Z601	4511023	Saw filter	1880+-30 M	/4.2DB 3X3
Z602	4511079	Dual saw filt 1850-1880/1880-1910		
Z603	4510127	Saw filter	836.5+-12.5 M	/3.5DB 4X4
Z604	4510241	Isolator 1880+-30mhz 1		3DB 7.2X7.2x7.2
Z605	4510119	Isolator 836.5+-12.5mhz 1		3DB 7X7X7
Z606	4510127	Saw filter	836.5+-12.5 M	/3.5DB 4X4
Z701	4512091	Dupl 824-849/869-894mhz	9.5x7.5	
Z702	4510227	XTAL filter	128.55 M	+15KHZ AMPS
Z703	4511027	Saw filter	1960+-30 M	/5DB 4X4
Z704	4510211	Saw filter	128.1+-0.615 M	19.2x6.7
Z705	4510121	Saw filter	881.5+-12.5 M	/3.5DB 4X4
Z706	4550075	Cer.filt 450+-15khz/6db	6.8x6.8	6.8x6.8
Z707	4511027	Saw filter	1960+-30 M	/5DB 4X4
Z708	4550075	Cer.filt 450+-15khz/6db	6.8x6.8	6.8x6.8
Z710	4512099	Dupl 1850-1910/1930-1990	25.5x6.5	25.5x6.5
V101	4110072	Diode x 2	BAV99W	70 V 0.2 A SOT323
V103	4210021	MosFet	NDS351	n-ch 30 V 1.1 A SOT23
V201	4210100	Transistor	BC848W	npn 30 V SOT323
V301	4210102	Transistor	BC858W	npn 30V 100mA 200MWSOT323
V302	4110067	Schottky diode	MBR0520L	20 V 0.5 A SOD123
V401	4113651	Trans. supr.	QUAD	6 V SOT23-5
V403	4113651	Trans. supr.	QUAD	6 V SOT23-5
V501	4110027	Cap. diode	SV239	
V502	4210074	Transistor	BFP420	npn 4. V SOT343
V503	4112431	Pin diode	1SS371	HD980**
V504	4110037	Cap. diode	HVU355	4/1 V URP
V505	4110026	Cap. diode	1SV229	2/10 V SOD323
V506	4210066	Transistor	BFR93AW	npn 12 V 35 mA SOT323
V507	4210100	Transistor	BC848W	npn 30 V SOT323
V508	4210066	Transistor	BFR93AW	npn 12 V 35 mA SOT323
V509	4210052	Transistor	DTC114EE	npn RB V EM3
V511	4112431	Pin diode	1SS371	HD980**

V601	4110008	Schottky diode	HSMS2825	8 V SOT143
V602	4211391	MosFet	P FDC	TSOP6
V605	4112475	Pindix2 bar63-05w 50v 3ghz	sot323	SOT323
V606	4211391	MosFet	P FDC	TSOP6
V614	4210052	Transistor	DTC114EE	npn RB V EM3
V701	4219951	Transistor x 2	RX4 UMH9N	npn 50 V 0.1 A SOT363
V702	4219951	Transistor x 2	RX4 UMH9N	npn 50 V 0.1 A SOT363
V704	4219908	Transistor x 2		SOT363
V705	4210074	Transistor	BFP420	npn 4. V SOT343
D101	4370521	Mad4 rom2 f721979 c10 tqfo176		
D102	4340499	IC, SRAM		STSOP32
D103	4340585	IC, flash mem.		UBGA48
D104	4340701	IC, EEPROM		LAP5X8
D105	4340126	IC, 1xnand 2input cmos	ssTC7S00F	SSO5
D201	4370533	Cafe d wfa157dt100	tqfp100	TQFP100
D501	4340126	IC, 1xnand 2input cmos	ssTC7S00F	SSO5
N101	4340335	IC, regulator	TK11228AM	SSO6
N301	4370165	Chaps charger control	so16	SO16
N302	4370393	Ccont2h dct3 bb asic	lbga8x8	
N303	4340247	IC, regulator	MC33765	2.8 V TSSOP16
N304	4219961	Transistor x 2		SOT353
N305	4340617	IC, regulator	LP2985	2.8 V 150 mA SOT23-5
N306	4340617	IC, regulator	LP2985	2.8 V 150 mA SOT23-5
N501	4340595	IC, 2xsyn2.5g/510mhz	tssopLMX2330L	TSSOP20
N502	4340613	IC, PLL	MB15S70	SSOP8
N507	4219961	Transistor x 2		SOT353
N601	4370515	Apache mfg-379	qsop28	QSOP28
N602	4370535	Odyssey v3 mfg-379	qsop24	QSOP24
N603	4219961	Transistor x 2		SOT353
N604	4370525	Tif wfd165at32t	tqfp32	TQFP32
N605	4370061	Shark5 pa 11a_3 824-849mhz		
N606	4370601	Snapper4 pa 9j 1850-1910mhz		
N607	4219961	Transistor x 2		SOT353
N609	4340609	IC, l-band 3v spdt switch.	m uPG152	MM6
N701	4370511	Stealth md59-0008	qsop24	QSOP24
N702	4370527	Rif wfd175at32t	tqfp32	TQFP32
N703	4370513	Voyager md59-0007	qsop28	QSOP28
X101	5400107	SM, vibra motor conn.	2pol p2 2a	
X401	5469061	SM, system conn	6af+3dc+mic+jack	
X402	5460021	SM, conn 2x14m spring	p1.0 pcb/p	PCB/PCB
X403	5469069	SM, batt conn	2pol spr p3.5 100v	100V2A
X404	5469069	SM, batt conn	2pol spr p3.5 100v	100V2A
X702	5429007	SM, coax conn	m sw 50r 0.4-2ghz	
A500	9517032	Vco shield assy	dmc01502 hd983	
A605	9517031	Pa shield assy	dmc01501 hd983	
	9854235	PCB UF4 123.25X41.0X1.0	M8 4/PA	

**Parts list of UF4 (NSD-3GX)** (EDMS Issue 10.5) Code: 0201295

ITEM	CODE	DESCRIPTION	VALUE	TYPE
R101	1430778	Chip resistor	10 k	5 % 0.063 W 0402
R102	1430754	Chip resistor	1.0 k	5 % 0.063 W 0402
R103	1430796	Chip resistor	47 k	5 % 0.063 W 0402
R104	1430726	Chip resistor	100	5 % 0.063 W 0402
R105	1430812	Chip resistor	220 k	5 % 0.063 W 0402
R106	1430778	Chip resistor	10 k	5 % 0.063 W 0402
R107	1430770	Chip resistor	4.7 k	5 % 0.063 W 0402
R108	1430691	Chip resistor	2.2	5 % 0.063 W 0402
R110	1430762	Chip resistor	2.2 k	5 % 0.063 W 0402
R111	1430754	Chip resistor	1.0 k	5 % 0.063 W 0402
R112	1430786	Chip resistor	18 k	5 % 0.063 W 0402
R113	1430754	Chip resistor	1.0 k	5 % 0.063 W 0402
R114	1430796	Chip resistor	47 k	5 % 0.063 W 0402
R115	1430726	Chip resistor	100	5 % 0.063 W 0402
R116	1430690	Chip jumper		0402
R117	1430778	Chip resistor	10 k	5 % 0.063 W 0402
R119	1430754	Chip resistor	1.0 k	5 % 0.063 W 0402
R121	1430770	Chip resistor	4.7 k	5 % 0.063 W 0402
R122	1620031	Res network 0w06 2x1k0 j	0404	0404
R123	1430778	Chip resistor	10 k	5 % 0.063 W 0402
R124	1430796	Chip resistor	47 k	5 % 0.063 W 0402
R126	1430778	Chip resistor	10 k	5 % 0.063 W 0402
R127	1430778	Chip resistor	10 k	5 % 0.063 W 0402
R131	1430690	Chip jumper		0402
R132	1430762	Chip resistor	2.2 k	5 % 0.063 W 0402
R134	1430690	Chip jumper		0402
R139	1620031	Res network 0w06 2x1k0 j	0404	0404
R142	1430762	Chip resistor	2.2 k	5 % 0.063 W 0402
R144	1430744	Chip resistor	470	5 % 0.063 W 0402
R145	1430744	Chip resistor	470	5 % 0.063 W 0402
R146	1430744	Chip resistor	470	5 % 0.063 W 0402
R147	1430718	Chip resistor	47	5 % 0.063 W 0402
R148	1430718	Chip resistor	47	5 % 0.063 W 0402
R149	1430718	Chip resistor	47	5 % 0.063 W 0402
R150	1430718	Chip resistor	47	5 % 0.063 W 0402
R201	1430764	Chip resistor	3.3 k	5 % 0.063 W 0402
R203	1430804	Chip resistor	100 k	5 % 0.063 W 0402
R204	1430796	Chip resistor	47 k	5 % 0.063 W 0402
R205	1430796	Chip resistor	47 k	5 % 0.063 W 0402
R206	1430762	Chip resistor	2.2 k	5 % 0.063 W 0402
R207	1430762	Chip resistor	2.2 k	5 % 0.063 W 0402
R208	1430762	Chip resistor	2.2 k	5 % 0.063 W 0402
R209	1430718	Chip resistor	47	5 % 0.063 W 0402
R210	1430718	Chip resistor	47	5 % 0.063 W 0402



R211	1430740	Chip resistor	330	5 % 0.063 W 0402
R212	1430812	Chip resistor	220 k	5 % 0.063 W 0402
R213	1430796	Chip resistor	47 k	5 % 0.063 W 0402
R214	1430718	Chip resistor	47	5 % 0.063 W 0402
R215	1430796	Chip resistor	47 k	5 % 0.063 W 0402
R216	1430754	Chip resistor	1.0 k	5 % 0.063 W 0402
R217	1430754	Chip resistor	1.0 k	5 % 0.063 W 0402
R218	1430788	Chip resistor	22 k	5 % 0.063 W 0402
R219	1430812	Chip resistor	220 k	5 % 0.063 W 0402
R220	1430804	Chip resistor	100 k	5 % 0.063 W 0402
R302	1430700	Chip resistor	10	5 % 0.063 W 0402
R303	1430834	Chip resistor	3.3 M	5 % 0.063 W 0402
R304	1430800	Chip resistor	68 k	5 % 0.063 W 0402
R305	1430808	Chip resistor	150 k	5 % 0.063 W 0402
R306	1430796	Chip resistor	47 k	5 % 0.063 W 0402
R308	1825005	Chip varistor vwm14v vc30v	0805	0805
R309	1430830	Chip resistor	1.0 M	5 % 0.063 W 0402
R310	1430778	Chip resistor	10 k	5 % 0.063 W 0402
R311	1430830	Chip resistor	1.0 M	5 % 0.063 W 0402
R312	1430830	Chip resistor	1.0 M	5 % 0.063 W 0402
R313	1430804	Chip resistor	100 k	5 % 0.063 W 0402
R314	1430796	Chip resistor	47 k	5 % 0.063 W 0402
R315	1430778	Chip resistor	10 k	5 % 0.063 W 0402
R316	1422881	Chip resistor	0.22	5 % 1 W 1218
R317	1430804	Chip resistor	100 k	5 % 0.063 W 0402
R318	1430804	Chip resistor	100 k	5 % 0.063 W 0402
R319	1430804	Chip resistor	100 k	5 % 0.063 W 0402
R321	1430778	Chip resistor	10 k	5 % 0.063 W 0402
R325	1430778	Chip resistor	10 k	5 % 0.063 W 0402
R326	1430778	Chip resistor	10 k	5 % 0.063 W 0402
R327	1430778	Chip resistor	10 k	5 % 0.063 W 0402
R328	1430804	Chip resistor	100 k	5 % 0.063 W 0402
R501	1430720	Chip resistor	56	5 % 0.063 W 0402
R502	1430726	Chip resistor	100	5 % 0.063 W 0402
R503	1430788	Chip resistor	22 k	5 % 0.063 W 0402
R504	1430804	Chip resistor	100 k	5 % 0.063 W 0402
R507	1430740	Chip resistor	330	5 % 0.063 W 0402
R508	1430700	Chip resistor	10	5 % 0.063 W 0402
R509	1430778	Chip resistor	10 k	5 % 0.063 W 0402
R511	1430762	Chip resistor	2.2 k	5 % 0.063 W 0402
R512	1430700	Chip resistor	10	5 % 0.063 W 0402
R513	1430690	Chip jumper		0402
R514	1620101	Res network 0w06 2x470r j	0404	0404
R515	1430804	Chip resistor	100 k	5 % 0.063 W 0402
R521	1430726	Chip resistor	100	5 % 0.063 W 0402
R522	1430754	Chip resistor	1.0 k	5 % 0.063 W 0402
R523	1430762	Chip resistor	2.2 k	5 % 0.063 W 0402
R525	1430726	Chip resistor	100	5 % 0.063 W 0402

R526	1430764	Chip resistor	3.3 k	5 % 0.063 W 0402
R527	1430742	Chip resistor	390	5 % 0.063 W 0402
R528	1430778	Chip resistor	10 k	5 % 0.063 W 0402
R529	1430764	Chip resistor	3.3 k	5 % 0.063 W 0402
R530	1430740	Chip resistor	330	5 % 0.063 W 0402
R531	1430788	Chip resistor	22 k	5 % 0.063 W 0402
R532	1430796	Chip resistor	47 k	5 % 0.063 W 0402
R533	1430720	Chip resistor	56	5 % 0.063 W 0402
R534	1430754	Chip resistor	1.0 k	5 % 0.063 W 0402
R535	1430740	Chip resistor	330	5 % 0.063 W 0402
R536	1430720	Chip resistor	56	5 % 0.063 W 0402
R537	1430764	Chip resistor	3.3 k	5 % 0.063 W 0402
R538	1430804	Chip resistor	100 k	5 % 0.063 W 0402
R539	1430744	Chip resistor	470	5 % 0.063 W 0402
R540	1430762	Chip resistor	2.2 k	5 % 0.063 W 0402
R542	1430726	Chip resistor	100	5 % 0.063 W 0402
R545	1430770	Chip resistor	4.7 k	5 % 0.063 W 0402
R546	1430762	Chip resistor	2.2 k	5 % 0.063 W 0402
R601	1430792	Chip resistor	33 k	5 % 0.063 W 0402
R602	1430744	Chip resistor	470	5 % 0.063 W 0402
R605	1430726	Chip resistor	100	5 % 0.063 W 0402
R606	1430762	Chip resistor	2.2 k	5 % 0.063 W 0402
R607	1430804	Chip resistor	100 k	5 % 0.063 W 0402
R610	1430792	Chip resistor	33 k	5 % 0.063 W 0402
R611	1820035	NTC resistor	47 k	5 % 0805
R612	1430748	Chip resistor	680	5 % 0.063 W 0402
R613	1430778	Chip resistor	10 k	5 % 0.063 W 0402
R614	1430740	Chip resistor	330	5 % 0.063 W 0402
R619	1430718	Chip resistor	47	5 % 0.063 W 0402
R620	1430804	Chip resistor	100 k	5 % 0.063 W 0402
R621	1430700	Chip resistor	10	5 % 0.063 W 0402
R622	1430784	Chip resistor	15 k	5 % 0.063 W 0402
R624	1430778	Chip resistor	10 k	5 % 0.063 W 0402
R625	1430744	Chip resistor	470	5 % 0.063 W 0402
R626	1430718	Chip resistor	47	5 % 0.063 W 0402
R629	1430690	Chip jumper		0402
R631	1430728	Chip resistor	120	5 % 0.063 W 0402
R633	1430726	Chip resistor	100	5 % 0.063 W 0402
R640	1430758	Chip resistor	1.5 k	5 % 0.063 W 0402
R641	1430784	Chip resistor	15 k	5 % 0.063 W 0402
R701	1430726	Chip resistor	100	5 % 0.063 W 0402
R704	1430710	Chip resistor	22	5 % 0.063 W 0402
R706	1430770	Chip resistor	4.7 k	5 % 0.063 W 0402
R707	1430786	Chip resistor	18 k	5 % 0.063 W 0402
R708	1430762	Chip resistor	2.2 k	5 % 0.063 W 0402
R709	1430762	Chip resistor	2.2 k	5 % 0.063 W 0402
R711	1430764	Chip resistor	3.3 k	5 % 0.063 W 0402
R719	1430690	Chip jumper		0402

R720	1430144	Chip jumper		0603
R722	1430744	Chip resistor	470	5 % 0.063 W 0402
C101	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C102	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C103	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C104	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C105	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C106	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C107	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C108	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C109	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C110	2320620	Ceramic cap.	10 n	5 % 16 V 0402
C111	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C112	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C113	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C114	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C115	2312401	Ceramic cap.	1.0 u	10 % 10 V 0805
C116	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C117	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C119	2320568	Ceramic cap.	220 p	5 % 50 V 0402
C120	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C121	2320620	Ceramic cap.	10 n	5 % 16 V 0402
C122	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C123	2312401	Ceramic cap.	1.0 u	10 % 10 V 0805
C124	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C125	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C126	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C127	2312401	Ceramic cap.	1.0 u	10 % 10 V 0805
C129	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C130	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C131	2320620	Ceramic cap.	10 n	5 % 16 V 0402
C132	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C201	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C202	2310003	Ceramic cap.	470 n	10 % 16 V 0805
C203	2310003	Ceramic cap.	470 n	10 % 16 V 0805
C204	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C205	2610200	Tantalum cap.	2.2 u	20 % 2.0x1.3x1.2
C206	2310003	Ceramic cap.	470 n	10 % 16 V 0805
C207	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C208	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C209	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C210	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C211	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C212	2312401	Ceramic cap.	1.0 u	10 % 10 V 0805
C213	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C214	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C215	2320764	Ceramic cap.	6.8 n	10 % 25 V 0402
C216	2320618	Ceramic cap.	4.7 n	5 % 25 V 0402

C217	2320618	Ceramic cap.	4.7 n	5 % 25 V 0402
C218	2320604	Ceramic cap.	18 p	5 % 50 V 0402
C219	2320604	Ceramic cap.	18 p	5 % 50 V 0402
C220	2320779	Ceramic cap.	100 n	10 % 16 V 0603
C221	2320779	Ceramic cap.	100 n	10 % 16 V 0603
C222	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C223	2310003	Ceramic cap.	470 n	10 % 16 V 0805
C224	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C225	2610200	Tantalum cap.	2.2 u	20 % 2.0x1.3x1.2
C226	2610200	Tantalum cap.	2.2 u	20 % 2.0x1.3x1.2
C227	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C228	2310003	Ceramic cap.	470 n	10 % 16 V 0805
C229	2312401	Ceramic cap.	1.0 u	10 % 10 V 0805
C230	2312296	Ceramic cap.		Y5 V 1210
C231	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C232	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C233	2320604	Ceramic cap.	18 p	5 % 50 V 0402
C234	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C235	2310003	Ceramic cap.	470 n	10 % 16 V 0805
C236	2320604	Ceramic cap.	18 p	5 % 50 V 0402
C237	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C238	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C239	2320576	Ceramic cap.	470 p	5 % 50 V 0402
C242	2320779	Ceramic cap.	100 n	10 % 16 V 0603
C245	2320604	Ceramic cap.	18 p	5 % 50 V 0402
C246	2320779	Ceramic cap.	100 n	10 % 16 V 0603
C248	2312296	Ceramic cap.		Y5 V 1210
C301	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C302	2320538	Ceramic cap.	12 p	5 % 50 V 0402
C303	2312403	Ceramic cap.	2.2 u	10 % 10 V 1206
C304	2610005	Tantalum cap.	10 u	20 % 16 V 3.5x2.8x1.9
C305	2312401	Ceramic cap.	1.0 u	10 % 10 V 0805
C306	2312401	Ceramic cap.	1.0 u	10 % 10 V 0805
C307	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C308	2312296	Ceramic cap.		Y5 V 1210
C309	2320508	Ceramic cap.	1.0 p	0.25 % 50 V 0402
C310	2610200	Tantalum cap.	2.2 u	20 % 2.0x1.3x1.2
C311	2312401	Ceramic cap.	1.0 u	10 % 10 V 0805
C312	2312296	Ceramic cap.		Y5 V 1210
C313	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C314	2312401	Ceramic cap.	1.0 u	10 % 10 V 0805
C315	2312401	Ceramic cap.	1.0 u	10 % 10 V 0805
C316	2312401	Ceramic cap.	1.0 u	10 % 10 V 0805
C317	2320779	Ceramic cap.	100 n	10 % 16 V 0603
C318	2310791	Ceramic cap.	33 n	20 % 50 V 0805
C319	2312401	Ceramic cap.	1.0 u	10 % 10 V 0805
C320	2312401	Ceramic cap.	1.0 u	10 % 10 V 0805
C321	2610003	Tantalum cap.	10 u	20 % 10 V 3.2x1.6x1.6

C322	2312401	Ceramic cap.	1.0 u	10 % 10 V 0805
C323	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C324	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C325	2312401	Ceramic cap.	1.0 u	10 % 10 V 0805
C326	2610100	Tantalum cap.	1 u	20 % 10 V 2.0x1.3x1.2
C327	2610100	Tantalum cap.	1 u	20 % 10 V 2.0x1.3x1.2
C328	2312401	Ceramic cap.	1.0 u	10 % 10 V 0805
C329	2310791	Ceramic cap.	33 n	20 % 50 V 0805
C330	2610100	Tantalum cap.	1 u	20 % 10 V 2.0x1.3x1.2
C331	2610100	Tantalum cap.	1 u	20 % 10 V 2.0x1.3x1.2
C332	2610100	Tantalum cap.	1 u	20 % 10 V 2.0x1.3x1.2
C333	2310003	Ceramic cap.	470 n	10 % 16 V 0805
C334	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C335	2312401	Ceramic cap.	1.0 u	10 % 10 V 0805
C336	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C337	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C338	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C339	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C340	2312211	Ceramic cap.	3.3 u	10 % 0805
C502	2320546	Ceramic cap.	27 p	5 % 50 V 0402
C504	2610003	Tantalum cap.	10 u	20 % 10 V 3.2x1.6x1.6
C505	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C507	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C508	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C511	2320532	Ceramic cap.	6.8 p	0.25 % 50 V 0402
C514	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C515	2320520	Ceramic cap.	2.2 p	0.25 % 50 V 0402
C516	2320550	Ceramic cap.	39 p	5 % 50 V 0402
C518	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C519	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C520	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C522	2320576	Ceramic cap.	470 p	5 % 50 V 0402
C525	2610003	Tantalum cap.	10 u	20 % 10 V 3.2x1.6x1.6
C526	2610200	Tantalum cap.	2.2 u	20 % 2.0x1.3x1.2
C527	2610200	Tantalum cap.	2.2 u	20 % 2.0x1.3x1.2
C528	2320764	Ceramic cap.	6.8 n	10 % 25 V 0402
C529	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C531	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C533	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C534	2320576	Ceramic cap.	470 p	5 % 50 V 0402
C535	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C536	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C539	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C540	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C541	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C544	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C545	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C547	2610200	Tantalum cap.	2.2 u	20 % 2.0x1.3x1.2

C549	2320779	Ceramic cap.	100 n	10 % 16 V 0603
C550	2320618	Ceramic cap.	4.7 n	5 % 25 V 0402
C551	2610003	Tantalum cap.	10 u	20 % 10 V 3.2x1.6x1.6
C552	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C553	2320540	Ceramic cap.	15 p	5 % 50 V 0402
C555	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C556	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C557	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C559	2320540	Ceramic cap.	15 p	5 % 50 V 0402
C561	2312401	Ceramic cap.	1.0 u	10 % 10 V 0805
C564	2320618	Ceramic cap.	4.7 n	5 % 25 V 0402
C566	2610100	Tantalum cap.	1 u	20 % 10 V 2.0x1.3x1.2
C567	2320620	Ceramic cap.	10 n	5 % 16 V 0402
C568	2610200	Tantalum cap.	2.2 u	20 % 2.0x1.3x1.2
C570	2320534	Ceramic cap.	8.2 p	0.25 % 50 V 0402
C572	2320540	Ceramic cap.	15 p	5 % 50 V 0402
C574	2320618	Ceramic cap.	4.7 n	5 % 25 V 0402
C576	2320534	Ceramic cap.	8.2 p	0.25 % 50 V 0402
C577	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C579	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C581	2320532	Ceramic cap.	6.8 p	0.25 % 50 V 0402
C583	2420015	Ceramic cap.	47 n	5 % 16 V 1206
C584	2610003	Tantalum cap.	10 u	20 % 10 V 3.2x1.6x1.6
C601	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C607	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C610	2312296	Ceramic cap.		Y5 V 1210
C611	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C616	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C620	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C621	2320131	Ceramic cap.	33 n	10 % 16 V 0603
C624	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C625	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C628	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C634	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C635	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C636	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C638	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C640	2320620	Ceramic cap.	10 n	5 % 16 V 0402
C641	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C642	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C643	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C644	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C645	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C646	2320554	Ceramic cap.	56 p	5 % 50 V 0402
C647	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C648	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C649	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C650	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402

C651	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C652	2320562	Ceramic cap.	120 p	5 % 50 V 0402
C654	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C655	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C656	2320538	Ceramic cap.	12 p	5 % 50 V 0402
C657	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C658	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C659	2312296	Ceramic cap.		Y5 V 1210
C660	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C661	2320590	Ceramic cap.	1.8 n	5 % 50 V 0402
C663	2312296	Ceramic cap.		Y5 V 1210
C667	2320562	Ceramic cap.	120 p	5 % 50 V 0402
C668	2320572	Ceramic cap.	330 p	5 % 50 V 0402
C672	2320534	Ceramic cap.	8.2 p	0.25 % 50 V 0402
C674	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C676	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C678	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C682	2320538	Ceramic cap.	12 p	5 % 50 V 0402
C683	2320524	Ceramic cap.	3.3 p	0.25 % 50 V 0402
C688	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C694	2320620	Ceramic cap.	10 n	5 % 16 V 0402
C701	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C703	2320524	Ceramic cap.	3.3 p	0.25 % 50 V 0402
C704	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C705	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C708	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C710	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C713	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C715	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C717	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C721	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C722	2320618	Ceramic cap.	4.7 n	5 % 25 V 0402
C723	2320618	Ceramic cap.	4.7 n	5 % 25 V 0402
C724	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C725	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C726	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C727	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C730	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C731	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C732	2320620	Ceramic cap.	10 n	5 % 16 V 0402
C733	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C734	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C735	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C736	2320618	Ceramic cap.	4.7 n	5 % 25 V 0402
C737	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C738	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C740	2320584	Ceramic cap.	1.0 n	5 % 50 V 0402
C741	2320604	Ceramic cap.	18 p	5 % 50 V 0402

C742	2320604	Ceramic cap.	18 p	5 % 50 V 0402
C743	2320586	Ceramic cap.	1.2 n	5 % 50 V 0402
C744	2320620	Ceramic cap.	10 n	5 % 16 V 0402
C746	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C753	2320586	Ceramic cap.	1.2 n	5 % 50 V 0402
C754	2320586	Ceramic cap.	1.2 n	5 % 50 V 0402
L201	3203709	Ferrite bead 0.5r 120r/100m	0402	0402
L301	3203705	Ferrite bead 0.015r 42r/100m	0805	0805
L302	3203705	Ferrite bead 0.015r 42r/100m	0805	0805
L303	3203705	Ferrite bead 0.015r 42r/100m	0805	0805
L502	3203709	Ferrite bead 0.5r 120r/100m	0402	0402
L504	3203709	Ferrite bead 0.5r 120r/100m	0402	0402
L505	3645185	Chip coil	10 n	5 % Q=12/100 MHz 0603
L506	3645217	Chip coil	15 n	5 % Q=35/250 MHz 0603
L508	3645217	Chip coil	15 n	5 % Q=35/250 MHz 0603
L509	3645219	Chip coil	10 n	5 % Q=31/250 MHz 0603
L605	3645213	Chip coil	22 n	5 % Q=38/250 MHz 0603
L607	3645157	Chip coil	100 n	10 % Q=12/100 MHz 0603
L608	3645157	Chip coil	100 n	10 % Q=12/100 MHz 0603
L609	3640059	Chip coil	56 n	5 % Q=8/100 MHz 0603
L610	3640059	Chip coil	56 n	5 % Q=8/100 MHz 0603
L612	3645213	Chip coil	22 n	5 % Q=38/250 MHz 0603
L614	3645017	Chip coil	5 n	10 % Q=10/100 MHz 0603
L617	3645163	Chip coil	22 n	10 % Q=12/100 MHz 0603
L618	3645211	Chip coil	6 n	10 % Q=27/250 MHz 0603
L619	3645185	Chip coil	10 n	5 % Q=12/100 MHz 0603
L701	3645203	Chip coil	180 n	10 % Q=15/25 MHz 0603
L702	3643067	Chip coil	100 u	5 % Q=15/796 kHz 1008
L703	3641622	Chip coil	220 n	5 % Q=30/100 MHz 0805
L704	3645213	Chip coil	22 n	5 % Q=38/250 MHz 0603
L705	3645157	Chip coil	100 n	10 % Q=12/100 MHz 0603
L706	3645225	Chip coil	72 n	5 % Q=34/150 MHz 0603
L707	3645221	Chip coil	27 n	5 % Q=40/250 MHz 0603
L709	3641622	Chip coil	220 n	5 % Q=30/100 MHz 0805
L713	3645157	Chip coil	100 n	10 % Q=12/100 MHz 0603
L714	3645227	Chip coil	100 n	5 % Q=34/150 MHz 0603
L716	3645227	Chip coil	100 n	5 % Q=34/150 MHz 0603
L717	3645221	Chip coil	27 n	5 % Q=40/250 MHz 0603
L718	3645201	Chip coil	56 n	5 % Q=38/200 MHz 0603
L720	3641601	Chip coil	150 n	2 % Q=35/100 MHz 0805
B301	4510003	Crystal	32.768 k	+−20PPM 8x3.8
G501	4510233	VCTCXO	19.2 M	+−1.5PPM 2.8V CDMA
G503	4350183	Vco 990–1030mhz 2.7v 22ma	cdma	CDMA
Z603	4510127	Saw filter	836.5+−12.5 M	/3.5DB 4X4
Z605	4510119	Isolator 836.5+−12.5mhz	1	3DB 7X7X7
Z606	4510127	Saw filter	836.5+−12.5 M	/3.5DB 4X4
Z701	4512091	Dupl 824–849/869–894mhz	9.5x7.5	
Z702	4510227	XTAL filter	128.55 M	+−15KHZ AMPS



Z704	4510211	Saw filter	128.1+–0.615 M	19.2x6.7
Z705	4510121	Saw filter	881.5+–12.5 M	/3.5DB 4X4
Z706	4550075	Cer.filt 450+–15khz/6db	6.8x6.8	6.8x6.8
Z708	4550075	Cer.filt 450+–15khz/6db	6.8x6.8	6.8x6.8
V101	4110072	Diode x 2	BAV99W	70 V 0.2 A SOT323
V103	4210021	MosFet	NDS351	n–ch 30 V 1.1 A SOT23
V201	4210100	Transistor	BC848W	nnp 30 V SOT323
V301	4210102	Transistor	BC858W	pnp 30 V 100 mA 200MWSOT323
V302	4110067	Schottky diode	MBR0520L	20 V 0.5 A SOD123
V401	4113651	Trans. supr.	QUAD	6 V SOT23–5
V403	4113651	Trans. supr.	QUAD	6 V SOT23–5
V501	4110027	Cap. diode	SV239	
V503	4112431	Pin diode	1SS371	HD980**
V504	4110037	Cap. diode	HVU355	4/1 V URP
V505	4110026	Cap. diode	1SV229	2/10 V SOD323
V506	4210066	Transistor	BFR93AW	nnp 12 V 35 mA SOT323
V507	4210100	Transistor	BC848W	nnp 30 V SOT323
V508	4210066	Transistor	BFR93AW	nnp 12 V 35 mA SOT323
V509	4210052	Transistor	DTC114EE	nnp RB V EM3
V601	4110008	Schottky diode	HSMS2825	8 V SOT143
V602	4211391	MosFet	P FDC	TSOP6
V605	4112475	Pindix2 bar63–05w 50v 3ghz sot323		SOT323
V701	4219951	Transistor x 2	RX4 UMH9N	nnp 50 V 0.1 A SOT363
V702	4219951	Transistor x 2	RX4 UMH9N	nnp 50 V 0.1 A SOT363
D101	4370521	Mad4 rom2 f721979 c10 tqfo176		
D102	4340499	IC, SRAM		STSOP32
D103	4340585	IC, flash mem.		UBGA48
D104	4340701	IC, EEPROM		LAP5X8
D105	4340126	IC, 1xnand 2input cmos	ssTC7S00F	SSO5
D201	4370533	Cafe d wfa157dt100	tqfp100	TQFP100
N101	4340335	IC, regulator	TK11228AM	SSO6
N301	4370165	Chaps charger control	so16	SO16
N302	4370393	Ccont2h dct3 bb asic	lbga8x8	
N303	4340247	IC, regulator	MC33765	2.8 V TSSOP16
N304	4219961	Transistor x 2		SOT353
N305	4340617	IC, regulator	LP2985	2.8 V 150 mA SOT23–5
N306	4340617	IC, regulator	LP2985	2.8 V 150 mA SOT23–5
N501	4340595	IC, 2xsyn2.5g/510mhz	tssopLMX2330L	TSSOP20
N502	4340613	IC, PLL	MB15S70	SSOP8
N507	4219961	Transistor x 2		SOT353
N602	4370535	Odyssey v3 mfg–379	qsop24	QSOP24
N603	4219961	Transistor x 2		SOT353
N604	4370525	Tif wfd165at32t	tqfp32	TQFP32
N605	4370061	Shark5 pa 11a_3 824–849mhz		
N702	4370527	Rif wfd175at32t	tqfp32	TQFP32
N703	4370513	Voyager md59–0007	qsop28	QSOP28
X101	5400107	SM, vibra motor conn.	2pol p2 2a	

X401	5469061	SM, system conn 6af+3dc+mic+jack	
X402	5460021	SM, conn 2x14m spring p1.0 pcb/p	PCB/PCB
X403	5469069	SM, batt conn 2pol spr p3.5 100v	100V2A
X404	5469069	SM, batt conn 2pol spr p3.5 100v	100V2A
X702	5429007	SM, coax conn m sw 50r 0.4-2ghz	
A500	9517032	Vco shield assy dmc01502 hd983	
A605	9517031	Pa shield assy dmc01501 hd983	
	9854235	PCB UF4 123.25X41.0X1.0 M8 4/PA	