

# **PAMS Technical Documentation**

## **NHM-7 Series Transceivers**

### **Part lists LA5/LK5**

**CONTENTS**

Parts list of LA5 (EDMS Issue 11.1) Layout 15 Code: 0201510	3
Parts list of LA5 (EDMS Issue 12.0) Layout 17 Code: 0201510	11
Parts list of LA5 (EDMS Issue 13.2) Layout 17 Code: 0201510	19
Parts list of LK5 (EDMS Issue 3.1) Layout 11 Code: 0201511 .	27
HW Versions, LA5 .....	27

**Parts list of LA5** (EDMS Issue 11.1) Layout 15 Code: 0201510

ITEM	CODE	DESCRIPTION	VALUE	TYPE
R102	1430804	Chip resistor	100 k	5 % 0.063 W 5.000
R152	1430762	Chip resistor	2.2 k	5 % 0.063 W 3.000
R154	1430778	Chip resistor	10 k	5 % 0.063 W 8.000
R155	1430804	Chip resistor	100 k	5 % 0.063 W 5.000
R156	1620105	Res network 0w06 2x2k2 j		0404
R157	1620105	Res network 0w06 2x2k2 j		0404
R159	1825031	Varistor array 2xvwm16v vc50 0405		0405
R161	1825031	Varistor array 2xvwm16v vc50 0405		0405
R164	1620103	Res network 0w06 2x22r j		0404
R165	1620103	Res network 0w06 2x22r j		0404
R166	1430137	Chip resistor	1.0 k	1 % 0.063 W 0402
R167	1430137	Chip resistor	1.0 k	1 % 0.063 W 0402
R200	1419003	Chip resistor	0.22	5 % 1210
R202	1620067	Res network 0w06 4x100k j	0804	0804
R203	1620029	Res network 0w06 2x4k7 j		0404
R301	1430754	Chip resistor	1.0 k	5 % 0.063 W 1.000
R304	1430700	Chip resistor	10	5 % 0.063 W 7.000
R305	1430744	Chip resistor	470	5 % 0.063 W 1.000
R306	1825021	Chip varistor vwm14v vc46v	0402	0402
R307	1430706	Chip resistor	15	5 % 0.063 W 1.000
R310	1430834	Chip resistor	3.3 M	5 % 0.063 W 2.000
R311	1430834	Chip resistor	3.3 M	5 % 0.063 W 2.000
R350	1419009	Chip resistor	4.7	5 % 1210
R352	1430804	Chip resistor	100 k	5 % 0.063 W 5.000
R358	1430778	Chip resistor	10 k	5 % 0.063 W 8.000
R359	1430722	Chip resistor	68	5 % 0.063 W 1.000
R360	1430802	Chip resistor	82 k	5 % 0.063 W 1.000
R361	1430762	Chip resistor	2.2 k	5 % 0.063 W 3.000
R362	1430770	Chip resistor	4.7 k	5 % 0.063 W 7.000
R363	1430778	Chip resistor	10 k	5 % 0.063 W 8.000
R364	1430804	Chip resistor	100 k	5 % 0.063 W 5.000
R365	1430778	Chip resistor	10 k	5 % 0.063 W 8.000
R370	1430796	Chip resistor	47 k	5 % 0.063 W 2.000
R371	1430778	Chip resistor	10 k	5 % 0.063 W 8.000
R380	1430796	Chip resistor	47 k	5 % 0.063 W 2.000
R381	1430804	Chip resistor	100 k	5 % 0.063 W 5.000
R388	4120071	Asip emif03-sim01 sim filter bga8		BGA8
R420	1430726	Chip resistor	100	5 % 0.063 W 3.000
R421	1430778	Chip resistor	10 k	5 % 0.063 W 8.000
R422	1430268	Chip resistor	27 k	1 % 0.063 W 0603
R423	1430778	Chip resistor	10 k	5 % 0.063 W 8.000
R450	1430770	Chip resistor	4.7 k	5 % 0.063 W 7.000
R500	1430726	Chip resistor	100	5 % 0.063 W 3.000
R501	1430700	Chip resistor	10	5 % 0.063 W 7.000
R502	1430846	Chip resistor	2.7 k	1 % 0.063 W 2.000

R550	1430740	Chip resistor	330	5 % 0.063 W 1.000
R551	1430700	Chip resistor	10	5 % 0.063 W 7.000
R558	1430690	Chip jumper		1.000
R600	1620081	Res network 0w03 4x22r j	0804	0804
R602	1430770	Chip resistor	4.7 k	5 % 0.063 W 7.000
R603	1430846	Chip resistor	2.7 k	1 % 0.063 W 2.000
R604	1430770	Chip resistor	4.7 k	5 % 0.063 W 7.000
R606	1430784	Chip resistor	15 k	5 % 0.063 W 1.000
R607	1620033	Res network 0w06 2x5k6 j		0404
R608	1620033	Res network 0w06 2x5k6 j		0404
R610	1430700	Chip resistor	10	5 % 0.063 W 7.000
R650	1430137	Chip resistor	1.0 k	1 % 0.063 W 0402
R651	1430907	Chip resistor	11 k	1 % 0.063 W 1.000
R652	1430700	Chip resistor	10	5 % 0.063 W 7.000
R660	1430762	Chip resistor	2.2 k	5 % 0.063 W 3.000
R661	1430774	Chip resistor	6.8 k	5 % 0.063 W 1.000
R700	1620121	Res network 0w06 2x220r j		0404
R701	1620121	Res network 0w06 2x220r j		0404
R703	1430714	Chip resistor	33	5 % 0.063 W 1.000
R704	1430718	Chip resistor	47	5 % 0.063 W 2.000
R705	1620515	Res network 0w04		1DB ATT 0400404
R706	1430693	Chip resistor	5.6	5 % 0.063 W 2.000
R707	1430693	Chip resistor	5.6	5 % 0.063 W 2.000
R709	1430734	Chip resistor	220	5 % 0.063 W 1.000
R751	1430770	Chip resistor	4.7 k	5 % 0.063 W 7.000
R752	1430788	Chip resistor	22 k	5 % 0.063 W 1.000
R753	1430770	Chip resistor	4.7 k	5 % 0.063 W 7.000
R754	1430726	Chip resistor	100	5 % 0.063 W 3.000
R755	1430718	Chip resistor	47	5 % 0.063 W 2.000
R756	1430770	Chip resistor	4.7 k	5 % 0.063 W 7.000
R757	1430778	Chip resistor	10 k	5 % 0.063 W 8.000
R780	1430700	Chip resistor	10	5 % 0.063 W 7.000
R781	1430700	Chip resistor	10	5 % 0.063 W 7.000
C100	2320744	Ceramic cap.	1.0 n	10 % 50 V 0402
C101	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C102	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C103	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C105	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C107	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C109	2315201	Chip array np0 2x27p k 25v	0405	0405
C111	2315205	Chip array x5r 2x1n m 16v	0405	0405
C112	2320756	Ceramic cap.	3.3 n	10 % 50 V 0402
C113	2320756	Ceramic cap.	3.3 n	10 % 50 V 0402
C114	2320604	Ceramic cap.	18 p	5 % 50 V 0402
C115	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C151	2315209	Chip array x5r 2x33n m 10v	0405	0405
C152	2320546	Ceramic cap.	27 p	5 % 50 V 0402
C153	2315205	Chip array x5r 2x1n m 16v	0405	0405
C154	2320744	Ceramic cap.	1.0 n	10 % 50 V 0402

C155	2315209	Chip array x5r 2x33n m 10v	0405	0405
C156	2320604	Ceramic cap.	18 p	5 % 50 V 0402
C157	2320481	Ceramic cap.	5R 1 u	10 % 0603
C158	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C160	2315203	Chip array x5r 2x10n m 16v	0405	0405
C161	2315213	Chip array np0 2x22p k 25v	0405	0405
C163	2315213	Chip array np0 2x22p k 25v	0405	0405
C165	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C166	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C168	2320546	Ceramic cap.	27 p	5 % 50 V 0402
C201	2320481	Ceramic cap.	5R 1 u	10 % 0603
C202	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C203	2320481	Ceramic cap.	5R 1 u	10 % 0603
C204	2320481	Ceramic cap.	5R 1 u	10 % 0603
C205	2320481	Ceramic cap.	5R 1 u	10 % 0603
C206	2320481	Ceramic cap.	5R 1 u	10 % 0603
C207	2320481	Ceramic cap.	5R 1 u	10 % 0603
C208	2320481	Ceramic cap.	5R 1 u	10 % 0603
C209	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C210	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C211	2320481	Ceramic cap.	5R 1 u	10 % 0603
C212	2320481	Ceramic cap.	5R 1 u	10 % 0603
C213	2320481	Ceramic cap.	5R 1 u	10 % 0603
C214	2320481	Ceramic cap.	5R 1 u	10 % 0603
C215	2320481	Ceramic cap.	5R 1 u	10 % 0603
C218	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C219	2320481	Ceramic cap.	5R 1 u	10 % 0603
C221	2320481	Ceramic cap.	5R 1 u	10 % 0603
C222	2320481	Ceramic cap.	5R 1 u	10 % 0603
C223	2320481	Ceramic cap.	5R 1 u	10 % 0603
C224	2320481	Ceramic cap.	5R 1 u	10 % 0603
C225	2320481	Ceramic cap.	5R 1 u	10 % 0603
C226	2320481	Ceramic cap.	5R 1 u	10 % 0603
C227	2320481	Ceramic cap.	5R 1 u	10 % 0603
C228	2320481	Ceramic cap.	5R 1 u	10 % 0603
C229	2320481	Ceramic cap.	5R 1 u	10 % 0603
C230	2320481	Ceramic cap.	5R 1 u	10 % 0603
C231	2320481	Ceramic cap.	5R 1 u	10 % 0603
C232	2320481	Ceramic cap.	5R 1 u	10 % 0603
C233	2320481	Ceramic cap.	5R 1 u	10 % 0603
C234	2320481	Ceramic cap.	5R 1 u	10 % 0603
C235	2320481	Ceramic cap.	5R 1 u	10 % 0603
C236	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C237	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C238	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C239	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C240	2315203	Chip array x5r 2x10n m 16v	0405	0405
C241	2315203	Chip array x5r 2x10n m 16v	0405	0405
C242	2320805	Ceramic cap.	100 n	10 % 10 V 0402

C243	2320481	Ceramic cap.	5R 1 u	10 % 0603
C250	2315213	Chip array np0 2x22p k 25v	0405	0405
C260	2320481	Ceramic cap.	5R 1 u	10 % 0603
C261	2320481	Ceramic cap.	5R 1 u	10 % 0603
C262	2320481	Ceramic cap.	5R 1 u	10 % 0603
C263	2320481	Ceramic cap.	5R 1 u	10 % 0603
C264	2320481	Ceramic cap.	5R 1 u	10 % 0603
C265	2320481	Ceramic cap.	5R 1 u	10 % 0603
C302	2320139	Ceramic cap.	1.0 u	10 % 10 V 0603
C303	2315211	Chip array x5r 2x100n y 10v	0405	0405
C306	2320546	Ceramic cap.	27 p	5 % 50 V 0402
C307	2320604	Ceramic cap.	18 p	5 % 50 V 0402
C308	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C309	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C312	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C319	2320744	Ceramic cap.	1.0 n	10 % 50 V 0402
C320	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C350	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C351	2312243	Ceramic cap.	4.7 u	10 % 0805
C357	2310041	Ceramic cap.	1.5 u	10 % 10 V 0805
C358	2320520	Ceramic cap.	2.2 p	0.25 % 50 V 0402
C359	2320520	Ceramic cap.	2.2 p	0.25 % 50 V 0402
C360	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C361	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C362	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C363	2320481	Ceramic cap.	5R 1 u	10 % 0603
C364	2310793	Ceramic cap.	2.2 u	10 % 10 V 0805
C365	2320481	Ceramic cap.	5R 1 u	10 % 0603
C366	2320481	Ceramic cap.	5R 1 u	10 % 0603
C367	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C368	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C369	2320744	Ceramic cap.	1.0 n	10 % 50 V 0402
C370	2320137	Ceramic cap.	470 n	10 % 10 V 0603
C371	2320137	Ceramic cap.	470 n	10 % 10 V 0603
C372	2320598	Ceramic cap.	3.9 n	5 % 50 V 0402
C373	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C375	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C378	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C389	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C400	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C401	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C402	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C403	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C404	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C405	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C420	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C421	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C422	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C450	2320778	Ceramic cap.	10 n	10 % 16 V 0402



C451	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C454	2320779	Ceramic cap.	100 n	10 % 16 V 0603
C470	2320546	Ceramic cap.	27 p	5 % 50 V 0402
C471	2320546	Ceramic cap.	27 p	5 % 50 V 0402
C472	2320546	Ceramic cap.	27 p	5 % 50 V 0402
C500	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C501	2320546	Ceramic cap.	27 p	5 % 50 V 0402
C502	2320526	Ceramic cap.	3.9 p	0.25 % 50 V 0402
C503	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C504	2320491	Ceramic cap.	220 n	10 % 10 V 0603
C505	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C506	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C507	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C550	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C551	2320522	Ceramic cap.	2.7 p	0.25 % 50 V 0402
C552	2320516	Ceramic cap.	1.5 p	0.25 % 50 V 0402
C553	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C554	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C555	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C556	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C557	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C600	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C601	2320554	Ceramic cap.	56 p	5 % 50 V 0402
C602	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C603	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C604	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C605	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C607	2315017	Chip array np0 4x470p j 16v	0612	0612
C608	2320783	Ceramic cap.	33 n	10 % 10 V 0402
C609	2320562	Ceramic cap.	120 p	5 % 50 V 0402
C610	2320562	Ceramic cap.	120 p	5 % 50 V 0402
C611	2320783	Ceramic cap.	33 n	10 % 10 V 0402
C612	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C613	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C615	2320558	Ceramic cap.	82 p	5 % 50 V 0402
C616	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C617	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C620	2320481	Ceramic cap.	5R 1 u	10 % 0603
C621	2320481	Ceramic cap.	5R 1 u	10 % 0603
C622	2320481	Ceramic cap.	5R 1 u	10 % 0603
C623	2320481	Ceramic cap.	5R 1 u	10 % 0603
C650	2320554	Ceramic cap.	56 p	5 % 50 V 0402
C652	2320564	Ceramic cap.	150 p	5 % 50 V 0402
C653	2322015	Ceramic cap.	2.2 n	2 % 16 V 0603
C654	2320564	Ceramic cap.	150 p	5 % 50 V 0402
C655	2320481	Ceramic cap.	5R 1 u	10 % 0603
C657	2320520	Ceramic cap.	2.2 p	0.25 % 50 V 0402
C660	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C661	2320805	Ceramic cap.	100 n	10 % 10 V 0402

C662	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C699	2320518	Ceramic cap.	1.8 p	0.25 % 50 V 0402
C701	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C702	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C703	2320554	Ceramic cap.	56 p	5 % 50 V 0402
C704	2320516	Ceramic cap.	1.5 p	0.25 % 50 V 0402
C705	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C706	2320604	Ceramic cap.	18 p	5 % 50 V 0402
C707	2320518	Ceramic cap.	1.8 p	0.25 % 50 V 0402
C708	2611753	Tantalum cap.	33 u	20 % 16/8 V 6.0x3.2x1.5
C709	2312243	Ceramic cap.	4.7 u	10 % 0805
C710	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C711	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C712	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C713	2320540	Ceramic cap.	15 p	5 % 50 V 0402
C714	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C715	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C716	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C717	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C718	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C719	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C720	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C721	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C722	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C723	2320744	Ceramic cap.	1.0 n	10 % 50 V 0402
C724	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C726	2320508	Ceramic cap.	1.0 p	0.25 % 50 V 0402
C727	2320546	Ceramic cap.	27 p	5 % 50 V 0402
C728	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C729	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C731	2320524	Ceramic cap.	3.3 p	0.25 % 50 V 0402
C751	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C752	2322023	Ceramic cap.	2.2 n	5 % 16 V 0603
C753	2320538	Ceramic cap.	12 p	5 % 50 V 0402
C754	2320538	Ceramic cap.	12 p	5 % 50 V 0402
C756	2320546	Ceramic cap.	27 p	5 % 50 V 0402
C759	2320546	Ceramic cap.	27 p	5 % 50 V 0402
C780	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C781	2320548	Ceramic cap.	33 p	5 % 50 V 0402
L100	3203743	Ferr.bead 0r03 42r/100mhz 3a	0805	0805
L101	3645343	Chip coil	150 n	5 % Q=28/150 MHz 0603
L104	3203801	Chip bead array 2x1000r	0405	0405
L105	3203725	Ferrite bead 600r/100mhz	0402	0402
L106	3203725	Ferrite bead 600r/100mhz	0402	0402
L107	3203725	Ferrite bead 600r/100mhz	0402	0402
L151	3203801	Chip bead array 2x1000r	0405	0405
L356	3645327	Chip coil	72 n	2 % Q=34/150 MHz 0603
L357	3645207	Chip coil	56 n	2 % Q=38/200 MHz 0603
L470	3203725	Ferrite bead 600r/100mhz	0402	0402



L471	3203725	Ferrite bead 600r/100mhz	0402	0402
L472	3203725	Ferrite bead 600r/100mhz	0402	0402
L500	3646091	Chip coil	6 n	5 % Q=27/800 MHz 0402
L501	3646067	Chip coil	18 n	5 % Q=29/800 MHz 0402
L502	3646091	Chip coil	6 n	5 % Q=27/800 MHz 0402
L503	3646065	Chip coil	12 n	5 % Q=31/800 MHz 0402
L550	3646051	Chip coil	3 n	Q=28/800M 0402
L551	3646091	Chip coil	6 n	5 % Q=27/800 MHz 0402
L552	3646047	Chip coil	3 n	Q=28/800M 0402
L700	3646053	Chip coil	4 n	Q=28/800M 0402
L701	3646053	Chip coil	4 n	Q=28/800M 0402
L702	3646051	Chip coil	3 n	Q=28/800M 0402
L703	3203743	Ferr.bead 0r03 42r/100mhz 3a	0805	0805
L704	3203715	Ferrite bead 0r35 240r/100m	0402	0402
L705	3646059	Chip coil	5 n	Q=28/800M 0402
L708	3645065	Chip coil	5 n	10 % Q=98/1.5GHZ 0805
L750	4551015	Dir.coupler 897.5/1747.5/1880mhz		
B200	4510303	Crystal	32.768 k	+−20PPM 12.5PF
B301	5140211	Buzzer 85db3khz 3.0v 10.4x8.7x3.		10.4x8.7x3.1
G300	4700131	Cell capacitor 0.01mah 3v3		
G650	4350243	Vco 3420−3840mhz 2.7v 20ma		
G660	4510275	VCTCXO 26 M+−5PPM 2.7V GSM		
F100	5119019	SM, fuse f 1.5a 32v 0603	1.0	1.000
Z260	3203741	Ferrite bead 0r5 600r/100mhz	0603	0603
Z261	3203741	Ferrite bead 0r5 600r/100mhz	0603	0603
Z262	3203741	Ferrite bead 0r5 600r/100mhz	0603	0603
Z263	3203741	Ferrite bead 0r5 600r/100mhz	0603	0603
Z264	3203741	Ferrite bead 0r5 600r/100mhz	0603	0603
Z265	3203741	Ferrite bead 0r5 600r/100mhz	0603	0603
Z301	4120031	Emi/esd filt emif10−1k010f1 bga24		BGA24
Z356	4550145	Cer filt 10.7+−0.03mhz	3.45x3.1	3.45x3.1
Z357	4550099	Cer.filt 10.7+−0.0225mhz	3.4x2.6	3.4x2.6
Z358	4550145	Cer filt 10.7+−0.03mhz	3.45x3.1	3.45x3.1
Z500	4512133	Ant.swit.880−960/1710−1990mhz	7x5	7X5
Z501	4511235	Saw filter	942.5+−17.5 M	/3.8DB 3X3
Z520	4511093	Dual saw filt925−960/1805−1880mhz		
Z551	4511241	Saw filter	1842.5+−37.5 M	
Z700	4511237	Saw filter	897.5+−17.5 M	/4.2DB 3X3
T650	3640423	Transf balun 3.7ghz+−300mhz	0805	0805
T700	4550137	Transf balun 1.8ghz+−100mhz2x1.3		
V100	4113721	Trans. supr.	1PMT16AT3	16 V 175 W PWRMITE
V300	4219937	Transistor x 2		SOT363
V301	4219937	Transistor x 2		SOT363
V324	4864543	Led		4.0V
V325	4864543	Led		4.0V
V326	4864543	Led		4.0V
V327	4864543	Led		4.0V
V329	4110475	Schottky diode	RB521S−30	35 V 200 mA SOD523
V350	4210043	Transistor	DTC143ZE	nnp RB V EM3

V351	4860101	Irda tfdu5102 9k6-1m152 babyface	BABYFACE
V356	4110931	Cap. diode x 2 BBY66-05	SOT23
V357	4110931	Cap. diode x 2 BBY66-05	SOT23
V500	4210277	Transistor	SOT343
V550	4210261	Transistor	SOT363
V750	4110079	Sch. diode x 2 HSMS282C	15 V SOT323
D200	4370805	Uem v4.4 w-dog ena to09h tfbga168	TFBGA168
D400	4370815	IC, v1.1 f741987a c05 ubga144uPP8M	
D450	4340835	IC, flash mem.	FBGA40
N356	4341023	Am/fm receiver(tea5757)lqfp48	
N600	4370731	Hagar 4 sttza8ig80t lfbga80	LFBGA80
N700	4350297	IC, pow.amp.	3.5V
S300	5200025	SM, tact sw side travel 0.2 mm	
S301	5200025	SM, tact sw side travel 0.2 mm	
S302	5200025	SM, tact sw side travel 0.2 mm	
X101	5409141	SM, battery conn 4pol spr 12v 2a	
X300	5409183	SM, lcd conn 1x8 p2.0 spr 50v 0.	0.5A
X303	5469135	SM, conn 2x8 spr 50v 0.5a pcb/pc	PCB/PCB
X386	5409107	SM, sim conn 2x3pol p2.54 h=1.6m	H=1.6MM
	9854510	PWB LA5 36.0X90.9X1.0 M8 4/PA	

**Parts list of LA5** (EDMS Issue 12.0) Layout 17 Code: 0201510

ITEM	CODE	DESCRIPTION	VALUE	TYPE
R102	1430804	Chip resistor	100 k	5 % 0.063 W 6.000
R152	1430762	Chip resistor	2.2 k	5 % 0.063 W 3.000
R154	1430778	Chip resistor	10 k	5 % 0.063 W 8.000
R155	1430804	Chip resistor	100 k	5 % 0.063 W 6.000
R156	1620105	Res network 0w06 2x2k2 j		0404
R157	1620105	Res network 0w06 2x2k2 j		0404
R159	1825031	Varistor array 2xvwm16v vc50 0405		0405
R161	1825031	Varistor array 2xvwm16v vc50 0405		0405
R164	1620103	Res network 0w06 2x22r j		0404
R165	1620103	Res network 0w06 2x22r j		0404
R166	1430137	Chip resistor	1.0 k	1 % 0.063 W 0402
R167	1430137	Chip resistor	1.0 k	1 % 0.063 W 0402
R200	1419003	Chip resistor	0.22	5 % 1210
R202	1620067	Res network 0w06 4x100k j	0804	0804
R203	1620029	Res network 0w06 2x4k7 j		0404
R301	1430770	Chip resistor	4.7 k	5 % 0.063 W 8.000
R304	1430700	Chip resistor	10	5 % 0.063 W 7.000
R305	1430744	Chip resistor	470	5 % 0.063 W 1.000
R306	1825033	Chip varistor vwm14v vc46v	0402	0402
R307	1430706	Chip resistor	15	5 % 0.063 W 1.000
R311	1430804	Chip resistor	100 k	5 % 0.063 W 6.000
R350	1419009	Chip resistor	4.7	5 % 1210
R352	1430804	Chip resistor	100 k	5 % 0.063 W 6.000
R358	1430778	Chip resistor	10 k	5 % 0.063 W 8.000
R359	1430722	Chip resistor	68	5 % 0.063 W 1.000
R360	1430802	Chip resistor	82 k	5 % 0.063 W 1.000
R361	1430762	Chip resistor	2.2 k	5 % 0.063 W 3.000
R362	1430770	Chip resistor	4.7 k	5 % 0.063 W 8.000
R363	1430778	Chip resistor	10 k	5 % 0.063 W 8.000
R364	1430804	Chip resistor	100 k	5 % 0.063 W 6.000
R365	1430778	Chip resistor	10 k	5 % 0.063 W 8.000
R369	1430796	Chip resistor	47 k	5 % 0.063 W 3.000
R370	1430796	Chip resistor	47 k	5 % 0.063 W 3.000
R371	1430778	Chip resistor	10 k	5 % 0.063 W 8.000
R380	1430796	Chip resistor	47 k	5 % 0.063 W 3.000
R381	1430804	Chip resistor	100 k	5 % 0.063 W 6.000
R388	4120071	Asip emif03-sim01 sim filter bga8		BGA8
R420	1430726	Chip resistor	100	5 % 0.063 W 3.000
R421	1430778	Chip resistor	10 k	5 % 0.063 W 8.000
R422	1430268	Chip resistor	27 k	1 % 0.063 W 0603
R423	1430778	Chip resistor	10 k	5 % 0.063 W 8.000
R450	1430770	Chip resistor	4.7 k	5 % 0.063 W 8.000
R500	1430726	Chip resistor	100	5 % 0.063 W 3.000
R501	1430700	Chip resistor	10	5 % 0.063 W 7.000
R502	1430846	Chip resistor	2.7 k	1 % 0.063 W 3.000

R550	1430740	Chip resistor	330	5 % 0.063 W 1.000
R551	1430700	Chip resistor	10	5 % 0.063 W 7.000
R558	1430846	Chip resistor	2.7 k	1 % 0.063 W 3.000
R600	1620081	Res network 0w03 4x22r j	0804	0804
R602	1430770	Chip resistor	4.7 k	5 % 0.063 W 8.000
R603	1430846	Chip resistor	2.7 k	1 % 0.063 W 3.000
R604	1430770	Chip resistor	4.7 k	5 % 0.063 W 8.000
R606	1430784	Chip resistor	15 k	5 % 0.063 W 1.000
R607	1620033	Res network 0w06 2x5k6 j		0404
R608	1620033	Res network 0w06 2x5k6 j		0404
R610	1430700	Chip resistor	10	5 % 0.063 W 7.000
R650	1430137	Chip resistor	1.0 k	1 % 0.063 W 0402
R651	1430907	Chip resistor	11 k	1 % 0.063 W 1.000
R652	1430700	Chip resistor	10	5 % 0.063 W 7.000
R660	1430762	Chip resistor	2.2 k	5 % 0.063 W 3.000
R661	1430774	Chip resistor	6.8 k	5 % 0.063 W 1.000
R700	1620121	Res network 0w06 2x220r j		0404
R701	1620121	Res network 0w06 2x220r j		0404
R703	1430714	Chip resistor	33	5 % 0.063 W 1.000
R704	1430718	Chip resistor	47	5 % 0.063 W 2.000
R705	1620515	Res network 0w04		1DB ATT 0400404
R706	1430693	Chip resistor	5.6	5 % 0.063 W 2.000
R707	1430693	Chip resistor	5.6	5 % 0.063 W 2.000
R709	1430734	Chip resistor	220	5 % 0.063 W 1.000
R751	1430770	Chip resistor	4.7 k	5 % 0.063 W 8.000
R752	1430788	Chip resistor	22 k	5 % 0.063 W 1.000
R753	1430770	Chip resistor	4.7 k	5 % 0.063 W 8.000
R754	1430726	Chip resistor	100	5 % 0.063 W 3.000
R755	1430718	Chip resistor	47	5 % 0.063 W 2.000
R756	1430770	Chip resistor	4.7 k	5 % 0.063 W 8.000
R757	1430778	Chip resistor	10 k	5 % 0.063 W 8.000
R780	1430700	Chip resistor	10	5 % 0.063 W 7.000
R781	1430700	Chip resistor	10	5 % 0.063 W 7.000
C100	2320744	Ceramic cap.	1.0 n	10 % 50 V 0402
C101	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C102	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C103	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C104	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C105	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C107	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C108	2320538	Ceramic cap.	12 p	5 % 50 V 0402
C109	2315201	Chip array np0 2x27p k 25v	0405	0405
C111	2315205	Chip array x5r 2x1n m 16v	0405	0405
C112	2320756	Ceramic cap.	3.3 n	10 % 50 V 0402
C113	2320756	Ceramic cap.	3.3 n	10 % 50 V 0402
C115	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C151	2315209	Chip array x5r 2x33n m 10v	0405	0405
C152	2320546	Ceramic cap.	27 p	5 % 50 V 0402
C153	2315205	Chip array x5r 2x1n m 16v	0405	0405

C154	2320744	Ceramic cap.	1.0 n	10 % 50 V 0402
C155	2315209	Chip array x5r 2x33n m 10v	0405	0405
C156	2320604	Ceramic cap.	18 p	5 % 50 V 0402
C157	2320481	Ceramic cap.	5R 1 u	10 % 0603
C158	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C160	2315203	Chip array x5r 2x10n m 16v	0405	0405
C161	2315213	Chip array np0 2x22p k 25v	0405	0405
C163	2315213	Chip array np0 2x22p k 25v	0405	0405
C165	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C166	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C168	2320546	Ceramic cap.	27 p	5 % 50 V 0402
C201	2320481	Ceramic cap.	5R 1 u	10 % 0603
C202	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C203	2320481	Ceramic cap.	5R 1 u	10 % 0603
C204	2320481	Ceramic cap.	5R 1 u	10 % 0603
C205	2320481	Ceramic cap.	5R 1 u	10 % 0603
C206	2320481	Ceramic cap.	5R 1 u	10 % 0603
C207	2320481	Ceramic cap.	5R 1 u	10 % 0603
C208	2320481	Ceramic cap.	5R 1 u	10 % 0603
C209	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C210	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C211	2320481	Ceramic cap.	5R 1 u	10 % 0603
C212	2320481	Ceramic cap.	5R 1 u	10 % 0603
C213	2320481	Ceramic cap.	5R 1 u	10 % 0603
C214	2320481	Ceramic cap.	5R 1 u	10 % 0603
C215	2320481	Ceramic cap.	5R 1 u	10 % 0603
C218	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C219	2320481	Ceramic cap.	5R 1 u	10 % 0603
C221	2320481	Ceramic cap.	5R 1 u	10 % 0603
C222	2320481	Ceramic cap.	5R 1 u	10 % 0603
C223	2320481	Ceramic cap.	5R 1 u	10 % 0603
C224	2320481	Ceramic cap.	5R 1 u	10 % 0603
C225	2320481	Ceramic cap.	5R 1 u	10 % 0603
C226	2320481	Ceramic cap.	5R 1 u	10 % 0603
C227	2320481	Ceramic cap.	5R 1 u	10 % 0603
C228	2320481	Ceramic cap.	5R 1 u	10 % 0603
C229	2320481	Ceramic cap.	5R 1 u	10 % 0603
C230	2320481	Ceramic cap.	5R 1 u	10 % 0603
C231	2320481	Ceramic cap.	5R 1 u	10 % 0603
C232	2320481	Ceramic cap.	5R 1 u	10 % 0603
C233	2320481	Ceramic cap.	5R 1 u	10 % 0603
C234	2320481	Ceramic cap.	5R 1 u	10 % 0603
C235	2320481	Ceramic cap.	5R 1 u	10 % 0603
C236	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C237	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C238	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C239	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C240	2315203	Chip array x5r 2x10n m 16v	0405	0405
C241	2315203	Chip array x5r 2x10n m 16v	0405	0405



C242	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C243	2320481	Ceramic cap.	5R 1 u	10 % 0603
C250	2315213	Chip array np0 2x22p k 25v	0405	0405
C260	2320481	Ceramic cap.	5R 1 u	10 % 0603
C261	2320481	Ceramic cap.	5R 1 u	10 % 0603
C262	2320481	Ceramic cap.	5R 1 u	10 % 0603
C263	2320481	Ceramic cap.	5R 1 u	10 % 0603
C264	2320481	Ceramic cap.	5R 1 u	10 % 0603
C265	2320481	Ceramic cap.	5R 1 u	10 % 0603
C302	2320139	Ceramic cap.	1.0 u	10 % 10 V 0603
C303	2315211	Chip array x5r 2x100n y 10v	0405	0405
C306	2320546	Ceramic cap.	27 p	5 % 50 V 0402
C307	2320604	Ceramic cap.	18 p	5 % 50 V 0402
C308	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C309	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C312	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C319	2320744	Ceramic cap.	1.0 n	10 % 50 V 0402
C320	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C350	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C351	2312243	Ceramic cap.	4.7 u	10 % 0805
C357	2310041	Ceramic cap.	1.5 u	10 % 10 V 0805
C358	2320520	Ceramic cap.	2.2 p	0.25 % 50 V 0402
C359	2320520	Ceramic cap.	2.2 p	0.25 % 50 V 0402
C360	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C361	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C362	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C363	2320481	Ceramic cap.	5R 1 u	10 % 0603
C364	2310793	Ceramic cap.	2.2 u	10 % 10 V 0805
C365	2320481	Ceramic cap.	5R 1 u	10 % 0603
C366	2320481	Ceramic cap.	5R 1 u	10 % 0603
C367	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C368	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C369	2320744	Ceramic cap.	1.0 n	10 % 50 V 0402
C370	2320137	Ceramic cap.	470 n	10 % 10 V 0603
C371	2320137	Ceramic cap.	470 n	10 % 10 V 0603
C372	2320598	Ceramic cap.	3.9 n	5 % 50 V 0402
C373	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C374	2320744	Ceramic cap.	1.0 n	10 % 50 V 0402
C375	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C378	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C389	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C400	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C401	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C402	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C403	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C404	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C405	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C420	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C421	2320560	Ceramic cap.	100 p	5 % 50 V 0402



C422	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C450	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C451	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C454	2320779	Ceramic cap.	100 n	10 % 16 V 0603
C470	2320546	Ceramic cap.	27 p	5 % 50 V 0402
C471	2320546	Ceramic cap.	27 p	5 % 50 V 0402
C472	2320546	Ceramic cap.	27 p	5 % 50 V 0402
C500	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C501	2320546	Ceramic cap.	27 p	5 % 50 V 0402
C502	2320526	Ceramic cap.	3.9 p	0.25 % 50 V 0402
C503	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C504	2320779	Ceramic cap.	100 n	10 % 16 V 0603
C505	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C506	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C507	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C550	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C551	2320522	Ceramic cap.	2.7 p	0.25 % 50 V 0402
C552	2320516	Ceramic cap.	1.5 p	0.25 % 50 V 0402
C553	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C554	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C555	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C556	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C557	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C600	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C601	2320554	Ceramic cap.	56 p	5 % 50 V 0402
C602	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C603	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C604	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C605	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C608	2320783	Ceramic cap.	33 n	10 % 10 V 0402
C609	2320562	Ceramic cap.	120 p	5 % 50 V 0402
C610	2320562	Ceramic cap.	120 p	5 % 50 V 0402
C611	2320783	Ceramic cap.	33 n	10 % 10 V 0402
C612	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C613	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C615	2320558	Ceramic cap.	82 p	5 % 50 V 0402
C616	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C617	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C620	2320481	Ceramic cap.	5R 1 u	10 % 0603
C621	2320481	Ceramic cap.	5R 1 u	10 % 0603
C622	2320481	Ceramic cap.	5R 1 u	10 % 0603
C623	2320481	Ceramic cap.	5R 1 u	10 % 0603
C624	232R004	Ceramic cap.	470 p	5 % 16 V 0402
C625	232R004	Ceramic cap.	470 p	5 % 16 V 0402
C626	232R004	Ceramic cap.	470 p	5 % 16 V 0402
C627	232R004	Ceramic cap.	470 p	5 % 16 V 0402
C650	2320554	Ceramic cap.	56 p	5 % 50 V 0402
C652	2320564	Ceramic cap.	150 p	5 % 50 V 0402
C653	2322015	Ceramic cap.	2.2 n	2 % 16 V 0603

C654	2320564	Ceramic cap.	150 p	5 % 50 V 0402
C655	2320481	Ceramic cap.	5R 1 u	10 % 0603
C657	2320520	Ceramic cap.	2.2 p	0.25 % 50 V 0402
C660	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C661	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C662	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C699	2320518	Ceramic cap.	1.8 p	0.25 % 50 V 0402
C701	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C702	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C703	2320554	Ceramic cap.	56 p	5 % 50 V 0402
C704	2320516	Ceramic cap.	1.5 p	0.25 % 50 V 0402
C705	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C706	2320604	Ceramic cap.	18 p	5 % 50 V 0402
C707	2320518	Ceramic cap.	1.8 p	0.25 % 50 V 0402
C708	2611753	Tantalum cap.	33 u	20 % 16/8 V 6.0x3.2x1.5
C709	2312243	Ceramic cap.	4.7 u	10 % 0805
C710	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C711	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C712	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C713	2320540	Ceramic cap.	15 p	5 % 50 V 0402
C714	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C715	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C716	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C717	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C718	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C719	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C720	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C721	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C722	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C723	2320744	Ceramic cap.	1.0 n	10 % 50 V 0402
C724	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C726	2320508	Ceramic cap.	1.0 p	0.25 % 50 V 0402
C727	2320546	Ceramic cap.	27 p	5 % 50 V 0402
C728	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C729	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C731	2320524	Ceramic cap.	3.3 p	0.25 % 50 V 0402
C751	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C752	2322023	Ceramic cap.	2.2 n	5 % 16 V 0603
C753	2320538	Ceramic cap.	12 p	5 % 50 V 0402
C754	2320538	Ceramic cap.	12 p	5 % 50 V 0402
C756	2320546	Ceramic cap.	27 p	5 % 50 V 0402
C759	2320546	Ceramic cap.	27 p	5 % 50 V 0402
C780	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C781	2320548	Ceramic cap.	33 p	5 % 50 V 0402
L100	3203743	Ferr.bead 0r03 42r/100mhz 3a	0805	0805
L101	3645343	Chip coil	150 n	5 % Q=28/150 MHz 0603
L104	3203801	Chip bead array 2x1000r	0405	0405
L105	3203725	Ferrite bead 600r/100mhz	0402	0402
L106	3203725	Ferrite bead 600r/100mhz	0402	0402

L107	3203725	Ferrite bead 600r/100mhz	0402	0402
L151	3203801	Chip bead array 2x1000r	0405	0405
L356	3645327	Chip coil	72 n	2 % Q=34/150 MHz 0603
L357	3645207	Chip coil	56 n	2 % Q=38/200 MHz 0603
L470	3203725	Ferrite bead 600r/100mhz	0402	0402
L471	3203725	Ferrite bead 600r/100mhz	0402	0402
L472	3203725	Ferrite bead 600r/100mhz	0402	0402
L500	3646091	Chip coil	6 n	5 % Q=27/800 MHz 0402
L501	3646067	Chip coil	18 n	5 % Q=29/800 MHz 0402
L502	3646091	Chip coil	6 n	5 % Q=27/800 MHz 0402
L503	3646065	Chip coil	12 n	5 % Q=31/800 MHz 0402
L550	3646051	Chip coil	3 n	Q=28/800M 0402
L551	3646091	Chip coil	6 n	5 % Q=27/800 MHz 0402
L552	3646047	Chip coil	3 n	Q=28/800M 0402
L700	3646053	Chip coil	4 n	Q=28/800M 0402
L701	3646053	Chip coil	4 n	Q=28/800M 0402
L702	3646051	Chip coil	3 n	Q=28/800M 0402
L703	3203743	Ferr.bead 0r03 42r/100mhz 3a	0805	0805
L704	3203715	Ferrite bead 0r35 240r/100m	0402	0402
L705	3646059	Chip coil	5 n	Q=28/800M 0402
L708	3645065	Chip coil	5 n	10 % Q=98/1.5GHZ 0805
L750	4551015	Dir.coupler 897.5/1747.5/1880mhz		
B200	4510303	Crystal	32.768 k	+−20PPM 12.5PF
B301	5140211	Buzzer 85db3khz 3.0v 10.4x8.7x3.		10.4x8.7x3.1
G300	4700131	Cell capacitor 0.01mah 3v3		
G650	4350243	Vco 3420−3840mhz 2.7v 20ma		
G660	4510275	VCTCXO	26 M	+−5PPM 2.7V GSM
F100	5119019	SM, fuse f 1.5a 32v 0603	1.0	1.000
Z260	3203741	Ferrite bead 0r5 600r/100mhz	0603	0603
Z261	3203741	Ferrite bead 0r5 600r/100mhz	0603	0603
Z262	3203741	Ferrite bead 0r5 600r/100mhz	0603	0603
Z263	3203741	Ferrite bead 0r5 600r/100mhz	0603	0603
Z264	3203741	Ferrite bead 0r5 600r/100mhz	0603	0603
Z265	3203741	Ferrite bead 0r5 600r/100mhz	0603	0603
Z301	4120031	Emi/esd filt emif10−1k010f1 bga24		BGA24
Z356	4550145	Cer filt 10.7+−0.03mhz	3.45x3.1	3.45x3.1
Z357	4550099	Cer.filt 10.7+−0.0225mhz	3.4x2.6	3.4x2.6
Z358	4550145	Cer filt 10.7+−0.03mhz	3.45x3.1	3.45x3.1
Z500	4512133	Ant.swit.880−960/1710−1990mhz	7x5	7X5
Z501	4511235	Saw filter	942.5+−17.5 M	/3.8DB 3X3
Z520	4511093	Dual saw filt925−960/1805−1880mhz		
Z551	4511241	Saw filter	1842.5+−37.5 M	
Z700	4511237	Saw filter	897.5+−17.5 M	/4.2DB 3X3
T650	3640423	Transf balun 3.7ghz+−300mhz	0805	0805
T700	4550137	Transf balun 1.8ghz+−100mhz2x1.3		
V100	4113721	Trans. supr.	1PMT16AT3	16 V 175 W PWRMITE
V300	4219937	Transistor x 2		SOT363
V301	4219937	Transistor x 2		SOT363
V324	4864543	Led		4.0V

V325	4864543	Led		4.0V
V326	4864543	Led		4.0V
V327	4864543	Led		4.0V
V329	4110475	Schottky diode	RB521S-30	35 V 200 mA SOD523
V350	4210043	Transistor	DTC143ZE	nnp RB V EM3
V351	4860101	Irda tfdu5102 9k6-1m152	babyface	BABYFACE
V356	4110931	Cap. diode x 2	BBY66-05	SOT23
V357	4110931	Cap. diode x 2	BBY66-05	SOT23
V500	4210277	Transistor		SOT343
V550	4210261	Transistor		SOT363
V750	4110079	Sch. diode x 2	HSMS282C	15 V SOT323
D200	4370805	Uem v4.3 w-dog ena to09h	tfbga168	TFBGA168
D400	4370815	IC, v1.1 f741987a c05	ubga144uPP8M	
D450	4340835	IC, flash mem.		FBGA40
N356	4341023	Am/fm receiver(tea5757)	lqfp48	
N600	4370731	Hagar 4 sttza8ig80t	lfbga80	LFBGA80
N700	4350297	IC, pow.amp.		3.5V
S300	5200025	SM, tact sw side travel	0.2 mm	
S301	5200025	SM, tact sw side travel	0.2 mm	
S302	5200025	SM, tact sw side travel	0.2 mm	
X101	5409141	SM, battery conn 4pol	spr 12v 2a	
X300	5409183	SM, lcd conn 1x8 p2.0	spr 50v 0.	0.5A
X303	5469135	SM, conn 2x8 spr 50v	0.5a pcb/pc	PCB/PCB
X386	5409107	SM, sim conn 2x3pol	p2.54 h=1.6m	H=1.6MM
	9854510	PWB LA5 36.0X90.9X1.0	M8 4/PA	

**Parts list of LA5** (EDMS Issue 13.2) Layout 17 Code: 0201510

ITEM	CODE	DESCRIPTION	VALUE	TYPE
R102	1430804	Chip resistor	100 k	5 % 0.063 W 6.000
R152	1430762	Chip resistor	2.2 k	5 % 0.063 W 3.000
R154	1430778	Chip resistor	10 k	5 % 0.063 W 8.000
R155	1430804	Chip resistor	100 k	5 % 0.063 W 6.000
R156	1620105	Res network 0w06 2x2k2 j		0404
R157	1620105	Res network 0w06 2x2k2 j		0404
R159	1825031	Varistor array 2xvwm16v vc50		0405
R161	1825031	Varistor array 2xvwm16v vc50		0405
R164	1620103	Res network 0w06 2x22r j		0404
R165	1620103	Res network 0w06 2x22r j		0404
R166	1430137	Chip resistor	1.0 k	1 % 0.063 W 0402
R167	1430137	Chip resistor	1.0 k	1 % 0.063 W 0402
R200	1419003	Chip resistor	0.22	5 % 1210
R202	1620067	Res network 0w06 4x100k j		0804
R203	1620029	Res network 0w06 2x4k7 j		0404
R301	1430770	Chip resistor	4.7 k	5 % 0.063 W 8.000
R304	1430700	Chip resistor	10	5 % 0.063 W 7.000
R305	1430744	Chip resistor	470	5 % 0.063 W 1.000
R306	1825033	Chip varistor vwm14v vc46v		0402
R307	1430706	Chip resistor	15	5 % 0.063 W 1.000
R311	1430804	Chip resistor	100 k	5 % 0.063 W 6.000
R350	1419009	Chip resistor	4.7	5 % 1210
R352	1430804	Chip resistor	100 k	5 % 0.063 W 6.000
R358	1430778	Chip resistor	10 k	5 % 0.063 W 8.000
R359	1430722	Chip resistor	68	5 % 0.063 W 1.000
R360	1430802	Chip resistor	82 k	5 % 0.063 W 1.000
R361	1430762	Chip resistor	2.2 k	5 % 0.063 W 3.000
R362	1430770	Chip resistor	4.7 k	5 % 0.063 W 8.000
R363	1430778	Chip resistor	10 k	5 % 0.063 W 8.000
R364	1430804	Chip resistor	100 k	5 % 0.063 W 6.000
R365	1430778	Chip resistor	10 k	5 % 0.063 W 8.000
R369	1430796	Chip resistor	47 k	5 % 0.063 W 3.000
R370	1430796	Chip resistor	47 k	5 % 0.063 W 3.000
R371	1430778	Chip resistor	10 k	5 % 0.063 W 8.000
R380	1430796	Chip resistor	47 k	5 % 0.063 W 3.000
R381	1430804	Chip resistor	100 k	5 % 0.063 W 6.000
R388	4120071	Asip emif03-sim01	sim filter	BGA8
R420	1430726	Chip resistor	100	5 % 0.063 W 3.000
R421	1430778	Chip resistor	10 k	5 % 0.063 W 8.000
R422	1430268	Chip resistor	27 k	1 % 0.063 W 0603
R423	1430778	Chip resistor	10 k	5 % 0.063 W 8.000
R450	1430770	Chip resistor	4.7 k	5 % 0.063 W 8.000
R500	1430726	Chip resistor	100	5 % 0.063 W 3.000
R501	1430700	Chip resistor	10	5 % 0.063 W 7.000
R502	1430846	Chip resistor	2.7 k	1 % 0.063 W 3.000



R550	1430740	Chip resistor	330	5 % 0.063 W 1.000
R551	1430700	Chip resistor	10	5 % 0.063 W 7.000
R558	1430846	Chip resistor	2.7 k	1 % 0.063 W 3.000
R600	1620081	Res network 0w03 4x22r j		0804
R602	1430770	Chip resistor	4.7 k	5 % 0.063 W 8.000
R603	1430846	Chip resistor	2.7 k	1 % 0.063 W 3.000
R604	1430770	Chip resistor	4.7 k	5 % 0.063 W 8.000
R606	1430784	Chip resistor	15 k	5 % 0.063 W 1.000
R607	1620033	Res network 0w06 2x5k6 j		0404
R608	1620033	Res network 0w06 2x5k6 j		0404
R610	1430700	Chip resistor	10	5 % 0.063 W 7.000
R650	1430137	Chip resistor	1.0 k	1 % 0.063 W 0402
R651	1430907	Chip resistor	11 k	1 % 0.063 W 1.000
R652	1430700	Chip resistor	10	5 % 0.063 W 7.000
R660	1430762	Chip resistor	2.2 k	5 % 0.063 W 3.000
R661	1430774	Chip resistor	6.8 k	5 % 0.063 W 1.000
R700	1620121	Res network 0w06 2x220r j		0404
R701	1620121	Res network 0w06 2x220r j		0404
R703	1430714	Chip resistor	33	5 % 0.063 W 1.000
R704	1430718	Chip resistor	47	5 % 0.063 W 2.000
R705	1620515	Res network 0w04	1DB	0400404
R706	1430693	Chip resistor	5.6	5 % 0.063 W 2.000
R707	1430693	Chip resistor	5.6	5 % 0.063 W 2.000
R709	1430734	Chip resistor	220	5 % 0.063 W 1.000
R751	1430770	Chip resistor	4.7 k	5 % 0.063 W 8.000
R752	1430788	Chip resistor	22 k	5 % 0.063 W 1.000
R753	1430770	Chip resistor	4.7 k	5 % 0.063 W 8.000
R754	1430726	Chip resistor	100	5 % 0.063 W 3.000
R755	1430718	Chip resistor	47	5 % 0.063 W 2.000
R756	1430770	Chip resistor	4.7 k	5 % 0.063 W 8.000
R757	1430778	Chip resistor	10 k	5 % 0.063 W 8.000
R780	1430700	Chip resistor	10	5 % 0.063 W 7.000
R781	1430700	Chip resistor	10	5 % 0.063 W 7.000
C100	2320744	Ceramic cap.	1.0 n	10 % 50 V 0402
C101	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C102	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C103	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C104	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C105	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C107	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C108	2320538	Ceramic cap.	12 p	5 % 50 V 0402
C109	2315201	Chip array np0 2x27p k 25v		0405
C111	2315205	Chip array x5r 2x1n m 16v		0405
C112	2320756	Ceramic cap.	3.3 n	10 % 50 V 0402
C113	2320756	Ceramic cap.	3.3 n	10 % 50 V 0402
C115	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C151	2315209	Chip array x5r 2x33n m 10v		0405
C152	2320546	Ceramic cap.	27 p	5 % 50 V 0402
C153	2315205	Chip array x5r 2x1n m 16v		0405



C154	2320744	Ceramic cap.	1.0 n	10 % 50 V 0402
C155	2315209	Chip array x5r 2x33n m 10v		0405
C156	2320604	Ceramic cap.	18 p	5 % 50 V 0402
C157	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C158	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C160	2315203	Chip array x5r 2x10n m 16v		0405
C161	2315213	Chip array np0 2x22p k 25v		0405
C163	2315213	Chip array np0 2x22p k 25v		0405
C165	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C166	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C168	2320546	Ceramic cap.	27 p	5 % 50 V 0402
C201	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C202	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C203	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C204	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C205	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C206	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C207	2316001	Ceramic cap.	2.2 u	10 % 0603
C208	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C209	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C210	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C211	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C212	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C213	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C214	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C215	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C218	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C219	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C221	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C222	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C223	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C224	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C225	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C226	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C227	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C228	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C229	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C230	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C231	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C232	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C233	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C234	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C235	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C236	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C237	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C238	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C239	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C240	2315203	Chip array x5r 2x10n m 16v		0405
C241	2315203	Chip array x5r 2x10n m 16v		0405

C242	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C243	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C250	2315213	Chip array np0 2x22p k 25v		0405
C260	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C261	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C262	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C263	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C264	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C265	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C302	2320139	Ceramic cap.	1.0 u	10 % 10 V 0603
C303	2315211	Chip array x5r 2x100n y 10v		0405
C306	2320546	Ceramic cap.	27 p	5 % 50 V 0402
C307	2320604	Ceramic cap.	18 p	5 % 50 V 0402
C308	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C309	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C312	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C319	2320744	Ceramic cap.	1.0 n	10 % 50 V 0402
C320	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C350	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C351	2312243	Ceramic cap.	4.7 u	10 % 0805
C357	2310041	Ceramic cap.	1.5 u	10 % 10 V 0805
C358	2320520	Ceramic cap.	2.2 p	0.25 % 50 V 0402
C359	2320520	Ceramic cap.	2.2 p	0.25 % 50 V 0402
C360	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C361	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C362	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C363	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C364	2310793	Ceramic cap.	2.2 u	10 % 10 V 0805
C365	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C366	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C367	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C368	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C369	2320744	Ceramic cap.	1.0 n	10 % 50 V 0402
C370	2320137	Ceramic cap.	470 n	10 % 10 V 0603
C371	2320137	Ceramic cap.	470 n	10 % 10 V 0603
C372	2320598	Ceramic cap.	3.9 n	5 % 50 V 0402
C373	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C374	2320744	Ceramic cap.	1.0 n	10 % 50 V 0402
C375	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C378	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C389	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C400	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C401	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C402	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C403	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C404	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C405	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C420	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C421	2320560	Ceramic cap.	100 p	5 % 50 V 0402

C422	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C450	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C451	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C454	2320779	Ceramic cap.	100 n	10 % 16 V 0603
C470	2320546	Ceramic cap.	27 p	5 % 50 V 0402
C471	2320546	Ceramic cap.	27 p	5 % 50 V 0402
C472	2320546	Ceramic cap.	27 p	5 % 50 V 0402
C500	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C501	2320546	Ceramic cap.	27 p	5 % 50 V 0402
C502	2320526	Ceramic cap.	3.9 p	0.25 % 50 V 0402
C503	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C504	2320779	Ceramic cap.	100 n	10 % 16 V 0603
C505	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C506	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C507	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C550	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C551	2320522	Ceramic cap.	2.7 p	0.25 % 50 V 0402
C552	2320516	Ceramic cap.	1.5 p	0.25 % 50 V 0402
C553	2320544	Ceramic cap.	22 p	5 % 50 V 0402
C554	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C555	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C556	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C557	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C600	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C601	2320554	Ceramic cap.	56 p	5 % 50 V 0402
C602	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C603	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C604	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C605	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C608	2320783	Ceramic cap.	33 n	10 % 10 V 0402
C609	2320562	Ceramic cap.	120 p	5 % 50 V 0402
C610	2320562	Ceramic cap.	120 p	5 % 50 V 0402
C611	2320783	Ceramic cap.	33 n	10 % 10 V 0402
C612	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C613	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C615	2320558	Ceramic cap.	82 p	5 % 50 V 0402
C616	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C617	2320552	Ceramic cap.	47 p	5 % 50 V 0402
C620	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C621	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C622	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C623	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C624	2314001	Ceramic cap.	470 p	5 % 0402
C625	2314001	Ceramic cap.	470 p	5 % 0402
C626	2314001	Ceramic cap.	470 p	5 % 0402
C627	2314001	Ceramic cap.	470 p	5 % 0402
C650	2320554	Ceramic cap.	56 p	5 % 50 V 0402
C652	2320564	Ceramic cap.	150 p	5 % 50 V 0402
C653	2322015	Ceramic cap.	2.2 n	2 % 16 V 0603

C654	2320564	Ceramic cap.	150 p	5 % 50 V 0402
C655	2320481	Ceramic cap.	5R 1 u	10 % 43.000
C657	2320520	Ceramic cap.	2.2 p	0.25 % 50 V 0402
C660	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C661	2320805	Ceramic cap.	100 n	10 % 10 V 0402
C662	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C699	2320518	Ceramic cap.	1.8 p	0.25 % 50 V 0402
C701	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C702	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C703	2320554	Ceramic cap.	56 p	5 % 50 V 0402
C704	2320516	Ceramic cap.	1.5 p	0.25 % 50 V 0402
C705	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C706	2320604	Ceramic cap.	18 p	5 % 50 V 0402
C707	2320518	Ceramic cap.	1.8 p	0.25 % 50 V 0402
C708	2611753	Tantalum cap.	33 u	20 % 16/8 V
6.0x3.2x1.5				
C709	2312243	Ceramic cap.	4.7 u	10 % 0805
C710	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C711	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C712	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C713	2320540	Ceramic cap.	15 p	5 % 50 V 0402
C714	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C715	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C716	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C717	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C718	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C719	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C720	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C721	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C722	2320536	Ceramic cap.	10 p	5 % 50 V 0402
C723	2320744	Ceramic cap.	1.0 n	10 % 50 V 0402
C724	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C726	2320508	Ceramic cap.	1.0 p	0.25 % 50 V 0402
C727	2320546	Ceramic cap.	27 p	5 % 50 V 0402
C728	2320778	Ceramic cap.	10 n	10 % 16 V 0402
C729	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C730	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C731	2320524	Ceramic cap.	3.3 p	0.25 % 50 V 0402
C751	2320560	Ceramic cap.	100 p	5 % 50 V 0402
C752	2322023	Ceramic cap.	2.2 n	5 % 16 V 0603
C753	2320538	Ceramic cap.	12 p	5 % 50 V 0402
C754	2320538	Ceramic cap.	12 p	5 % 50 V 0402
C756	2320546	Ceramic cap.	27 p	5 % 50 V 0402
C759	2320546	Ceramic cap.	27 p	5 % 50 V 0402
C780	2320548	Ceramic cap.	33 p	5 % 50 V 0402
C781	2320548	Ceramic cap.	33 p	5 % 50 V 0402
L100	3203743	Ferr.bead	0r03 42r/100mhz 3a	0805
L101	3645343	Chip coil	150 n	5 % Q=28/150 MHz
0603				

L104	3203801	Chip bead array 2x1000r		0405
L105	3203725	Ferrite bead 600r/100mhz		
L106	3203725	Ferrite bead 600r/100mhz		
L107	3203725	Ferrite bead 600r/100mhz		
L151	3203801	Chip bead array 2x1000r		0405
L356	3645327	Chip coil	72 n	2 % Q=34/150 MHz
0603				
L357	3645207	Chip coil	56 n	2 % Q=38/200 MHz
0603				
L470	3203725	Ferrite bead 600r/100mhz		
L471	3203725	Ferrite bead 600r/100mhz		
L472	3203725	Ferrite bead 600r/100mhz		
L500	3646091	Chip coil	6 n	5 % Q=27/800 MHz
L501	3646067	Chip coil	18 n	5 % Q=29/800 MHz
L502	3646091	Chip coil	6 n	5 % Q=27/800 MHz
L503	3646065	Chip coil	12 n	5 % Q=31/800 MHz
L550	3646051	Chip coil	3 n	Q=28/800M
L551	3646091	Chip coil	6 n	5 % Q=27/800 MHz
L552	3646047	Chip coil	3 n	Q=28/800M
L700	3646053	Chip coil	4 n	Q=28/800M
L701	3646053	Chip coil	4 n	Q=28/800M
L702	3646051	Chip coil	3 n	Q=28/800M
L703	3203743	Ferr.bead 0r03	42r/100mhz 3a	0805
L704	3203715	Ferrite bead	0r35	240r/100m
L705	3646059	Chip coil Q=28/800M	5 n	
L708	3645065	Chip coil Q=98/1.5GHZ	5 n	10 % 0805
L750	4551015	Dir.coupler	897.5/1747.5/1880mhz	
B200	4510303	Crystal	32.768 k	+−20PPM 12.5PF
B301	5140211	Buzzer 85db3khz 3.0v		10.4x8.7x3.1
G300	4700131	Cell capacitor 0.01mah 3v3		1.000
G650	4350243	Vco 3420−3840mhz	2.7v 20ma	1.000
G660	4510275	VCTCXO 26 M	+−5PPM 2.7V	GSM
F100	5119019	SM, fuse f 1.5a 32v	1.0	1.000 0603
Z260	3203741	Ferrite bead 0r5 600r/100mhz		0603
Z261	3203741	Ferrite bead 0r5 600r/100mhz		0603
Z262	3203741	Ferrite bead 0r5 600r/100mhz		0603
Z263	3203741	Ferrite bead 0r5 600r/100mhz		0603
Z264	3203741	Ferrite bead 0r5 600r/100mhz		0603
Z265	3203741	Ferrite bead 0r5 600r/100mhz		0603
Z301	4120031	Emi/esd filt emif10−1k010f1		BGA24
Z356	4550145	Cer filt 10.7+−0.03mhz		3.45x3.1
Z357	4550099	Cer.filt 10.7+−0.0225mhz		3.4x2.6
Z358	4550145	Cer filt 10.7+−0.03mhz	3	3.45x3.1
Z500	4512133	Ant.swit.	880−960/1710−1990mhz	7X5
Z501	4511235	Saw filter	942.5+−17.5 M	/3.8DB 3X3
Z520	4511181	Dual saw filt	925−960/1805−1880mhz	
Z551	4511241	Saw filter	1842.5+−37.5 M	
Z700	4511237	Saw filter	897.5+−17.5 M	/4.2DB 3X3
T650	3640423	Transf balun 3.7ghz300mhz	0805	



T700	4550137	Transf balun 1.8ghz100mhz2x1.3	
V100	4113721	Trans. supr. 1PMT16AT316 V 175 W	PWRMITE
V300	4219937	Transistor x 2	SOT363
V301	4219937	Transistor x 2	SOT363
V324	4864543	Led	+ADw-
V325	4864543	Led	+ADw-
V326	4864543	Led	+ADw-
V327	4864543	Led	+ADw-
V329	4110475	Schottky diode RB521S-3035 V 200 mA	SOD523
V350	4210043	Transistor	DES
V351	4860101	Irda tfdu5102 9k6-1m152	BABYFACE
V356	4110931	Cap. diode x 2	BBY66-05 S
V357	4110931	Cap. diode x 2	BBY66-05 S
V500	4210277	Transistor	SOT343
V550	4210261	Transistor	SOT363
V750	4110079	Diode	HSMS-282C DE
D200	4370805	Uem v4.4 w-dog ena to09h t	TFBGA168
D400	4370815	IC, v1.1 f741987a c05	ubga144 uPP8
D450	4341207	IC, flash mem.	64m bit 1.000
N356	4341023	Am/fm receiver	(tea5757) lqfp48
N600	4370781	Hagar 5	tzc6begt lfbga80
N700	4350297	IC, pow.amp.	3.5V
S300	5200025	SM, tact sw side travel 0.2 mm	
S301	5200025	SM, tact sw side travel 0.2 mm	
S302	5200025	SM, tact sw side travel 0.2 mm	
X101	5409141	SM, battery conn 4pol spr	12v 2a
X300	5409183	SM, lcd conn 1x8 p2.0 spr	50v 0.5A
X303	5469135	SM, conn 2x8 spr	50v 0.5a PCB/PCB
X386	5409107	SM, sim conn 2x3pol p2.54	H+AD0-1.
	9854510	PWB LA5 36.0X90.9X1.0 M8 4/PA	



**Parts list of LK5** (EDMS Issue 3.1) Layout 11 Code: 0201511

ITEM	CODE	DESCRIPTION	VALUE	TYPE
V101	4864571	Led		0603
V102	4864571	Led		0603
V103	4864571	Led		0603
V104	4864571	Led		0603
V105	4864571	Led		0603
V106	4864571	Led		0603
	9854511	PCB	LK5	44.95X35.0X0.8

**HW Versions, LA5**

HW	Parts list issue	PWB version
7.02	11.1	15
8.00	12.0	17
8.01/8.02	13.2	17

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