

6 Electrical Parts List

6-1 Main PCB Parts

Loc. No.	Code No.	Description	Specification	Remarks
BD101	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
BD102	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
BD103	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
BD104	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
BD105	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
BD401	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
BD402	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
BD403	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
BD404	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
C100	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C101	2402-000168	C-AL,SMD	100uF,20%,16V,GP,TP,8.3x8.3x6.3mm	
C102	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C103	2402-000168	C-AL,SMD	100uF,20%,16V,GP,TP,8.3x8.3x6.3mm	
C104	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C105	2402-000168	C-AL,SMD	100uF,20%,16V,GP,TP,8.3x8.3x6.3mm	
C106	2402-000168	C-AL,SMD	100uF,20%,16V,GP,TP,8.3x8.3x6.3mm	
C107	2203-000239	C-CERAMIC,CHIP	0.1nF,5%,50V,NPO,TP,2012	
C108	2203-000239	C-CERAMIC,CHIP	0.1nF,5%,50V,NPO,TP,2012	
C109	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C110	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C111	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C112	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C113	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C114	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C115	2404-000123	C-TA,CHIP	10uF,20%,16V,TP,6032,2.9mm	
C116	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C117	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C118	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C119	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C120	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C121	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C122	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C123	2203-000609	C-CERAMIC,CHIP	22NF,10%,50V,X7R,TP,2012	
C124	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C125	2203-000609	C-CERAMIC,CHIP	22NF,10%,50V,X7R,TP,2012	
C126	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C127	2203-000609	C-CERAMIC,CHIP	22NF,10%,50V,X7R,TP,2012	
C128	2203-000151	C-CERAMIC,CHIP	1.5nF,5%,50V,NPO,TP,2012	
C129	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C130	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C131	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C132	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C133	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C134	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C135	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	

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C136	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C137	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C138	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C139	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C140	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C141	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C142	2203-001391	C-CERAMIC,CHIP	150nF,10%,25V,X7R,TP,2012	
C143	2203-000455	C-CERAMIC,CHIP	1nF,5%,50V,NPO,TP,2012	
C144	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C145	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C146	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C147	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C148	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C149	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C150	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C151	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C157	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C158	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C159	2402-000168	C-AL,SMD	100uF,20%,16V,GP,TP,8.3x8.3x6.3mm	
C160	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C161	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C163	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C165	2409-000124	C-ORGANIC	100uF,10%,16V,LZ,BK,8x10.5.3.5	
C167	2402-000168	C-AL,SMD	100uF,20%,16V,GP,TP,8.3x8.3x6.3mm	
C168	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C169	2402-000168	C-AL,SMD	100uF,20%,16V,GP,TP,8.3x8.3x6.3mm	
C172	2402-000168	C-AL,SMD	100uF,20%,16V,GP,TP,8.3x8.3x6.3mm	
C173	2409-000124	C-ORGANIC	100uF,10%,16V,LZ,BK,8x10.5.3.5	
C175	2404-000123	C-TA,CHIP	10uF,20%,16V,TP,6032,2.9mm	
C176	2402-000168	C-AL,SMD	100uF,20%,16V,GP,TP,8.3x8.3x6.3mm	
C177	2409-000124	C-ORGANIC	100uF,10%,16V,LZ,BK,8x10.5.3.5	
C180	2404-000123	C-TA,CHIP	10uF,20%,16V,TP,6032,2.9mm	
C181	2404-000123	C-TA,CHIP	10uF,20%,16V,TP,6032,2.9mm	
C182	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C183	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C184	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C185	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C186	2404-000123	C-TA,CHIP	10uF,20%,16V,TP,6032,2.9mm	
C187	2404-000123	C-TA,CHIP	10uF,20%,16V,TP,6032,2.9mm	
C188	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C189	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C190	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C192	2203-000151	C-CERAMIC,CHIP	1.5nF,5%,50V,NPO,TP,2012	
C193	2404-000123	C-TA,CHIP	10uF,20%,16V,TP,6032,2.9mm	
C194	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C195	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C196	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	

Loc. No.	Code No.	Description	Specification	Remarks
C197	2203-000683	C-CERAMIC,CHIP	27pF,5%,50V,NPO,TP,2012	
C198	2203-000683	C-CERAMIC,CHIP	27pF,5%,50V,NPO,TP,2012	
C199	2203-000683	C-CERAMIC,CHIP	27pF,5%,50V,NPO,TP,2012	
C301	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C302	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C303	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C304	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C305	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C306	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C307	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C308	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C309	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C310	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C311	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C312	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C313	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C314	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C315	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C316	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C317	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C318	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C319	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C320	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C321	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C322	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C323	2203-001723	C-CERAMIC,CHIP	4.7pF,5%,50V,NPO,TP,2012	
C324	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C325	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C326	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C327	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C328	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C329	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C330	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C331	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C332	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C333	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C334	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C335	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C336	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C337	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C338	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C339	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C340	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C341	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C342	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C343	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C344	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	

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C345	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C346	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C347	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C348	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C349	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C350	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C351	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C352	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C353	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C354	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C355	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C356	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C357	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C358	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C359	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C360	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C361	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C363	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C364	2404-000123	C-TA,CHIP	10uF,20%,16V,TP,6032,2.9mm	
C365	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C367	2203-000818	C-CERAMIC,CHIP	0.033nF,5%,50V,NPO,TP,2012	
C368	2203-000818	C-CERAMIC,CHIP	0.033nF,5%,50V,NPO,TP,2012	
C369	2404-000151	C-TA,CHIP	1uF,20%,16V,TP,3216	
C370	2404-000151	C-TA,CHIP	1uF,20%,16V,TP,3216	
C371	2404-000123	C-TA,CHIP	10uF,20%,16V,TP,6032,2.9mm	
C372	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C389	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C390	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C401	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C402	2404-000123	C-TA,CHIP	10uF,20%,16V,TP,6032,2.9mm	
C403	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C404	2404-000123	C-TA,CHIP	10uF,20%,16V,TP,6032,2.9mm	
C405	2203-000455	C-CERAMIC,CHIP	1nF,5%,50V,NPO,TP,2012	
C407	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C408	2402-000168	C-AL,SMD	100uF,20%,16V,GP,TP,8.3x8.3x6.3mm	
C409	2404-000123	C-TA,CHIP	10uF,20%,16V,TP,6032,2.9mm	
C410	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C411	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C412	2404-000123	C-TA,CHIP	10uF,20%,16V,TP,6032,2.9mm	
C413	2203-000555	C-CERAMIC,CHIP	20pF,5%,50V,NPO,TP,2012	
C414	2203-000555	C-CERAMIC,CHIP	20pF,5%,50V,NPO,TP,2012	
C415	2404-000123	C-TA,CHIP	10uF,20%,16V,TP,6032,2.9mm	
C416	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C417	2203-000239	C-CERAMIC,CHIP	0.1nF,5%,50V,NPO,TP,2012	
C473	2404-000123	C-TA,CHIP	10uF,20%,16V,TP,6032,2.9mm	
C474	2203-000204	C-CERAMIC,CHIP	100NF,10%,25V,X7R,TP,2012	
C496	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	

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C497	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C498	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C499	2203-000260	C-CERAMIC,CHIP	10NF,10%,50V,X7R,TP,2012	
C501	2404-000123	C-TA,CHIP	10uF,20%,16V,TP,6032,2.9mm	
C502	2203-000455	C-CERAMIC,CHIP	1nF,5%,50V,NPO,TP,2012	
C509	2404-000123	C-TA,CHIP	10uF,20%,16V,TP,6032,2.9mm	
C510	2203-000455	C-CERAMIC,CHIP	1nF,5%,50V,NPO,TP,2012	
C511	2404-000123	C-TA,CHIP	10uF,20%,16V,TP,6032,2.9mm	
C512	2203-000455	C-CERAMIC,CHIP	1nF,5%,50V,NPO,TP,2012	
CFT301	2901-001115	FILTER-EMI SMD	50VDC,500mADC,20pF,3.1x1.6x2	
CFT317	2901-001112	FILTER-EMI SMD	50VDC,1.0ADC,85pF+-20%,3.2x1	
CFT318	2901-001115	FILTER-EMI SMD	50VDC,500mADC,20pF,3.1x1.6x2	
CL101	BN27-20001C	COIL-SMD		
CL102	BN27-20001A	COIL-CHOKE		
CN101	3701-001129	CONNECTOR-DSUB	15P,3R,FEMALE,ANGLE,AUF	
CN102	3722-000117	JACK-DC POWER	3P,3.5mm,AG,BLK,NO	
CN103	3711-000556	CONNECTOR-HEADER	BOX,12P,1R,1.25mm,SMD-A,SN	
CN301	3711-003161	CONNECTOR-HEADER	BOX,20P,1R,1.25mm,ANGLE,SN	
CN401	3711-002049	CONNECTOR-HEADER	BOX,6P,1R,1.25mm,SMD-A,SN	
CN402	3711-000056	CONNECTOR-HEADER	BOX,2P,1R,2.5mm,ANGLE,SN	
D101	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,600mA,SOT-23,TP	
D102	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,600mA,SOT-23,TP	
D103	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,600mA,SOT-23,TP	
D109	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,600mA,SOT-23,TP	
D113	0402-000553	DIODE-RECTIFIER	SS24,40V,2.0A,DO-214AA	
D114	0402-000553	DIODE-RECTIFIER	SS24,40V,2.0A,DO-214AA	
D402	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,600mA,SOT-23,TP	
D404	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,600mA,SOT-23,TP	
FT100	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-	
FT101	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,100nF,3.2x1.6x1	
FT102	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,100nF,3.2x1.6x1	
FT103	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,100nF,3.2x1.6x1	
FT120	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,100nF,3.2x1.6x1	
FT122	2901-000172	FILTER-EMI ON BOARD	50V,10A,-,12x11x13mm,BK	
FT301	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,100nF,3.2x1.6x1	
FT306	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,100nF,3.2x1.6x1	
FT313	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,100nF,3.2x1.6x1	
FT314	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,100nF,3.2x1.6x1	
FT316	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,100nF,3.2x1.6x1	
FT317	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,100nF,3.2x1.6x1	
FT318	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,100nF,3.2x1.6x1	
FT319	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,100nF,3.2x1.6x1	
FT321	2901-001113	FILTER-EMI SMD	25VDC,0.2A,35pF+-20%,2x1.25x	
FT322	2901-001113	FILTER-EMI SMD	25VDC,0.2A,35pF+-20%,2x1.25x	
FT323	2901-001113	FILTER-EMI SMD	25VDC,0.2A,35pF+-20%,2x1.25x	
FT324	2901-001113	FILTER-EMI SMD	25VDC,0.2A,35pF+-20%,2x1.25x	
FT325	2901-001113	FILTER-EMI SMD	25VDC,0.2A,35pF+-20%,2x1.25x	

Loc. No.	Code No.	Description	Specification	Remarks
FT326	2901-001113	FILTER-EMI SMD	25VDC,0.2A,35pF+-20%,2x1.25x	
FT327	2901-001113	FILTER-EMI SMD	25VDC,0.2A,35pF+-20%,2x1.25x	
FT328	2901-001113	FILTER-EMI SMD	25VDC,0.2A,35pF+-20%,2x1.25x	
FT329	2901-001113	FILTER-EMI SMD	25VDC,0.2A,35pF+-20%,2x1.25x	
FT330	2901-001113	FILTER-EMI SMD	25VDC,0.2A,35pF+-20%,2x1.25x	
FT336	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,100nF,3.2x1.6x1	
FT415	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,100nF,3.2x1.6x1	
FT521	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,100nF,3.2x1.6x1	
FT529	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,100nF,3.2x1.6x1	
FT531	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,100nF,3.2x1.6x1	
IC101	1002-001099	IC-A/D CONVERTER	TDA8752,8BIT,QFP,100P,+0.5,	
IC102	1203-001488	IC-POSI.FIXED REG.	7805,TO-252,3P,PLASTIC,4.8/5	
IC103	1203-001488	IC-POSI.FIXED REG.	7805,TO-252,3P,PLASTIC,4.8/5	
IC104	1204-000292	IC-VIDEO SYSTEM	LM1881M,SOP,8P,150MIL,PLASTIC,	
IC105	0803-000117	IC-TTL	74F14,INVERTER,SOP,14P,150MIL,	
IC106	0803-000122	IC-TTL	74F125,BUFFER,SOP,14P,150MIL,Q	
IC107	1203-001448	IC-POSI.FIXED REG.	2596,TO-263,5P,PLASTIC,4.750	
IC108	1203-001447	IC-POSI.FIXED REG.	2596,TO-263,5P,PLASTIC,3.135	
IC109	1203-001488	IC-POSI.FIXED REG.	7805,TO-252,3P,PLASTIC,4.8/5	
IC111	0505-000275	FET-SILICON	SI4435DY,P,-30V,+8.0A,0.02ohm	
IC115	1203-001538	IC-POSI.ADJUST REG.	431,SOT-89,3P,PLASTIC,2.47/3	
IC151	0803-000275	IC-TTL	74F32,OR GATE,SOP,14P,150MIL,Q	
IC192	BN13-00002A	IC-ASIC	XB(LCD),FG60A018HM_L18,QFP,48P,AUTO	
IC301	1205-001407	IC-BUFFER	GMFC1,QFP,208P,PLASTIC,3.6V,	
IC302	1105-001165	IC-DRAM	416S1020,512Kx16BITx2,TSOP,50P	
IC303	1105-001165	IC-DRAM	416S1020,512Kx16BITx2,TSOP,50P	
IC304	1105-001165	IC-DRAM	416S1020,512Kx16BITx2,TSOP,50P	
IC305	0904-001222	IC-GRAPHIC CONT.	GMZ1,QFP,208P,65MHz,TR,P	
IC307	BN09-00001A	IC-OSD PROCESSOR	LCD,MTV121P-31,16P	
IC309	0505-001170	FET-SILICON	SI9933ADY-T1,P,-20V,3.4A,0.0750HM,2W,SO-8	
IC401	0903-001063	IC-MICROCONTROLLER	72E75,8BIT,DIP,42P,600MIL,24MH	
IC401_SOCKET	3704-001071	SOCKET-IC	42P,DIP,SN,1.778mm	
IC402	1203-001109	IC-VOL. DETECTOR	7045,SOT-89,3P,PLASTIC,4.3/4	
IC403	1103-001164	IC-EEPROM	24LC21A,128X8BIT,SOP,8P,150MIL,5V,10%, PLASTIC,0 TO +70C,100UA,CMOS,TP	
IC404	1103-001023	IC-EEPROM	24C08,1028x8BIT,SOP,8P,150MIL,	
IC406	0803-000122	IC-TTL	74F125,BUFFER,SOP,14P,150MIL,Q	
IC501	1205-001740	IC-TRANSMITTER	DS90C385,TSSOP,56P,240MIL,PLASTIC,4V, 1.63W,10 TO +70C,ST,FPD LINK-85MHZ(LVDS)	
L102	2703-001070	INDUCTOR-SMD	100uH,10%,4.5x3.2x3.2mm	
L151	2703-001070	INDUCTOR-SMD	100uH,10%,4.5x3.2x3.2mm	
L152	2703-001070	INDUCTOR-SMD	100uH,10%,4.5x3.2x3.2mm	
L160	2703-001070	INDUCTOR-SMD	100uH,10%,4.5x3.2x3.2mm	
L170	2703-001070	INDUCTOR-SMD	100uH,10%,4.5x3.2x3.2mm	
L171	2703-001070	INDUCTOR-SMD	100uH,10%,4.5x3.2x3.2mm	
L172	2703-001070	INDUCTOR-SMD	100uH,10%,4.5x3.2x3.2mm	
L193	2703-001070	INDUCTOR-SMD	100uH,10%,4.5x3.2x3.2mm	

Loc. No.	Code No.	Description	Specification	Remarks
L403	2703-001070	INDUCTOR-SMD	100uH,10%,4.5x3.2x3.2mm	
L406	2703-001070	INDUCTOR-SMD	100uH,10%,4.5x3.2x3.2mm	
L407	2703-001070	INDUCTOR-SMD	100uH,10%,4.5x3.2x3.2mm	
Q101	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SOT-23,TP,1	
Q102	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SOT-23,TP,1	
Q301	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SOT-23,TP,1	
Q302	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SOT-23,TP,1	
Q401	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SOT-23,TP,1	
Q402	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SOT-23,TP,1	
R101	2007-001166	R-CHIP	750HM,5%,1/10W,DA,TP,2012	
R102	2007-001166	R-CHIP	750HM,5%,1/10W,DA,TP,2012	
R103	2007-001166	R-CHIP	750HM,5%,1/10W,DA,TP,2012	
R104	2007-000781	R-CHIP	330HM,5%,1/10W,DA,TP,2012	
R105	2007-000781	R-CHIP	330HM,5%,1/10W,DA,TP,2012	
R106	2007-000781	R-CHIP	330HM,5%,1/10W,DA,TP,2012	
R107	2007-000493	R-CHIP	2.2KOHM,5%,1/10W,DA,TP,2012	
R110	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R115	2007-000593	R-CHIP	220HM,5%,1/10W,DA,TP,2012	
R116	2007-000593	R-CHIP	220HM,5%,1/10W,DA,TP,2012	
R117	2007-000023	R-CHIP	1200HM,5%,1/10W,DA,TP,2012	
R124	2007-000593	R-CHIP	220HM,5%,1/10W,DA,TP,2012	
R125	2007-000593	R-CHIP	220HM,5%,1/10W,DA,TP,2012	
R127	2007-000300	R-CHIP	10KOHM,5%,1/10W,DA,TP,2012	
R129	2007-000822	R-CHIP	3900HM,5%,1/10W,DA,TP,2012	
R130	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R131	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R134	2007-000468	R-CHIP	1KOHM,5%,1/10W,DA,TP,2012	
R136	2007-000872	R-CHIP	4.7KOHM,5%,1/10W,DA,TP,2012	
R137	2007-000872	R-CHIP	4.7KOHM,5%,1/10W,DA,TP,2012	
R138	2007-000872	R-CHIP	4.7KOHM,5%,1/10W,DA,TP,2012	
R139	2007-000221	R-CHIP	1.2KOHM,5%,1/10W,DA,TP,2012	
R142	2007-000872	R-CHIP	4.7KOHM,5%,1/10W,DA,TP,2012	
R143	2007-000221	R-CHIP	1.2KOHM,5%,1/10W,DA,TP,2012	
R190	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R191	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R192	2007-001113	R-CHIP	680KOHM,5%,1/10W,DA,TP,2012	
R193	2007-000593	R-CHIP	220HM,5%,1/10W,DA,TP,2012	
R194	2007-000872	R-CHIP	4.7KOHM,5%,1/10W,DA,TP,2012	
R195	2007-000572	R-CHIP	2200HM,5%,1/10W,DA,TP,2012	
R196	2007-000468	R-CHIP	1KOHM,5%,1/10W,DA,TP,2012	
R197	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R198	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R199	2007-000029	R-CHIP	00HM,5%,1/10W,DA,TP,2012	
R301	2007-000468	R-CHIP	1KOHM,5%,1/10W,DA,TP,2012	
R302	2007-000468	R-CHIP	1KOHM,5%,1/10W,DA,TP,2012	
R303	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R305	2007-000468	R-CHIP	1KOHM,5%,1/10W,DA,TP,2012	

Loc. No.	Code No.	Description	Specification	Remarks
R306	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R307	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R308	2007-000282	R-CHIP	100KOHM,5%,1/10W,DA,TP,2012	
R310	2007-000300	R-CHIP	10KOHM,5%,1/10W,DA,TP,2012	
R311	2007-000282	R-CHIP	100KOHM,5%,1/10W,DA,TP,2012	
R312	2007-000300	R-CHIP	10KOHM,5%,1/10W,DA,TP,2012	
R314	2007-000593	R-CHIP	220HM,5%,1/10W,DA,TP,2012	
R316	2007-000766	R-CHIP	3300HM,5%,1/10W,DA,TP,2012	
R317	2007-000572	R-CHIP	2200HM,5%,1/10W,DA,TP,2012	
R321	2007-000468	R-CHIP	1KOHM,5%,1/10W,DA,TP,2012	
R401	2007-000941	R-CHIP	47KOHM,5%,1/10W,DA,TP,2012	
R402	2007-000941	R-CHIP	47KOHM,5%,1/10W,DA,TP,2012	
R403	2007-000941	R-CHIP	47KOHM,5%,1/10W,DA,TP,2012	
R404	2007-000941	R-CHIP	47KOHM,5%,1/10W,DA,TP,2012	
R405	2007-000941	R-CHIP	47KOHM,5%,1/10W,DA,TP,2012	
R406	2007-000872	R-CHIP	4.7KOHM,5%,1/10W,DA,TP,2012	
R407	2007-000941	R-CHIP	47KOHM,5%,1/10W,DA,TP,2012	
R408	2007-000941	R-CHIP	47KOHM,5%,1/10W,DA,TP,2012	
R409	2007-000941	R-CHIP	47KOHM,5%,1/10W,DA,TP,2012	
R410	2007-000872	R-CHIP	4.7KOHM,5%,1/10W,DA,TP,2012	
R412	2007-000872	R-CHIP	4.7KOHM,5%,1/10W,DA,TP,2012	
R413	2007-000872	R-CHIP	4.7KOHM,5%,1/10W,DA,TP,2012	
R414	2007-000941	R-CHIP	47KOHM,5%,1/10W,DA,TP,2012	
R415	2007-000941	R-CHIP	47KOHM,5%,1/10W,DA,TP,2012	
R416	2007-000941	R-CHIP	47KOHM,5%,1/10W,DA,TP,2012	
R417	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R418	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R419	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R420	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R421	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R422	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R423	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R424	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R425	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R426	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R427	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R429	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R431	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R432	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R433	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R436	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R437	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R438	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R439	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R440	2007-001166	R-CHIP	750HM,5%,1/10W,DA,TP,2012	
R441	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R442	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	

Loc. No.	Code No.	Description	Specification	Remarks
R443	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R444	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R445	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R447	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R448	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R449	2007-000468	R-CHIP	1KOHM,5%,1/10W,DA,TP,2012	
R451	2007-000822	R-CHIP	3900HM,5%,1/10W,DA,TP,2012	
R452	2007-000468	R-CHIP	1KOHM,5%,1/10W,DA,TP,2012	
R453	2007-000941	R-CHIP	47KOHM,5%,1/10W,DA,TP,2012	
R454	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R455	2007-000477	R-CHIP	1MOHM,5%,1/10W,DA,TP,2012	
R456	2007-000572	R-CHIP	2200HM,5%,1/10W,DA,TP,2012	
R457	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R458	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R459	2007-000409	R-CHIP	15KOHM,5%,1/10W,DA,TP,2012	
R460	2007-000409	R-CHIP	15KOHM,5%,1/10W,DA,TP,2012	
R461	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R462	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R463	2007-000290	R-CHIP	1000HM,5%,1/10W,DA,TP,2012	
R464	2007-000468	R-CHIP	1KOHM,5%,1/10W,DA,TP,2012	
R465	2007-000941	R-CHIP	47KOHM,5%,1/10W,DA,TP,2012	
R466	2007-000023	R-CHIP	1200HM,5%,1/10W,DA,TP,2012	
R467	2007-000931	R-CHIP	4700HM,5%,1/10W,DA,TP,2012	
R470	2007-000941	R-CHIP	47KOHM,5%,1/10W,DA,TP,2012	
RA101	2011-000002	R-NETWORK	22ohm,5%,1/16W,L,CHIP,8P,TP	
RA102	2011-000002	R-NETWORK	22ohm,5%,1/16W,L,CHIP,8P,TP	
RA103	2011-000002	R-NETWORK	22ohm,5%,1/16W,L,CHIP,8P,TP	
RA104	2011-000002	R-NETWORK	22ohm,5%,1/16W,L,CHIP,8P,TP	
RA105	2011-000002	R-NETWORK	22ohm,5%,1/16W,L,CHIP,8P,TP	
RA106	2011-000002	R-NETWORK	22ohm,5%,1/16W,L,CHIP,8P,TP	
RA107	2011-001015	R-NETWORK	1Kohm,5%,1/16W,L,CHIP,8P,TP	
RA108	2011-001015	R-NETWORK	1Kohm,5%,1/16W,L,CHIP,8P,TP	
RA109	2011-001015	R-NETWORK	1Kohm,5%,1/16W,L,CHIP,8P,TP	
RA110	2011-001015	R-NETWORK	1Kohm,5%,1/16W,L,CHIP,8P,TP	
RA111	2011-001015	R-NETWORK	1Kohm,5%,1/16W,L,CHIP,8P,TP	
RA112	2011-001015	R-NETWORK	1Kohm,5%,1/16W,L,CHIP,8P,TP	
RA301	2011-000002	R-NETWORK	22ohm,5%,1/16W,L,CHIP,8P,TP	
RA302	2011-000002	R-NETWORK	22ohm,5%,1/16W,L,CHIP,8P,TP	
RA303	2011-000002	R-NETWORK	22ohm,5%,1/16W,L,CHIP,8P,TP	
RA304	2011-000002	R-NETWORK	22ohm,5%,1/16W,L,CHIP,8P,TP	
RA305	2011-000002	R-NETWORK	22ohm,5%,1/16W,L,CHIP,8P,TP	
SW301	BH39-40305U	CBF HARNESS	,52MM,AWG22(0.6PI)	
SW301_S	3710-000001	CONNECTOR-SHUNT	2P,1R,2.54mm,SN	
X301	2804-001217	OSCILLATOR-CLOCK	67MHz,100ppm,10TTL & CMOS(30pF	
X302	2804-001164	OSCILLATOR-CLOCK	85MHz,100ppm,10TTL(15pF),ST,3	
X401	2801-003326	CRYSTAL-SMD	24MHz,30ppm,28-ABX,16pF,50ohm	
ZD101	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	

Loc. No.	Code No.	Description	Specification	Remarks
ZD102	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
ZD103	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
ZD104	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
ZD105	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
ZD401	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	

7-2 Sub PCB Parts

Loc. No.	Code No.	Description	Specification	Remarks
CN801	3711-002050	slcon12p, CONNECTOR-HEADER	BOX,10P,1R,1.25mm,SMD-A,SN	
OP801	0601-001047	2_led, LED	ROUND,GRN/YEL,2mm,585nm	
R801	2007-000300	res, R-CHIP	10Kohm,5%,1/10W,DA,TP,2012	
R802	2007-000301	res, R-CHIP	10Kohm,5%,1/10W,DA,TP,2013	
R803	2007-000302	res, R-CHIP	10Kohm,5%,1/10W,DA,TP,2014	
SW801	3404-000243	sw_tact2p, SWITCH-TACT	15V,20mA,160gf+-50gf,6x3.5mm,S	
SW802	3404-000244	sw_tact2p, SWITCH-TACT	15V,20mA,160gf+-50gf,6x3.6mm,S	
SW803	3404-000245	sw_tact2p, SWITCH-TACT	15V,20mA,160gf+-50gf,6x3.7mm,S	
SW804	3404-000246	sw_tact3p, SWITCH-TACT	15V,20mA,160gf+-50gf,6x3.8mm,S	
SW805	3404-000247	sw_tact4p, SWITCH-TACT	15V,20mA,160gf+-50gf,6x3.9mm,S	
SW806	3404-000248	sw_tact5p, SWITCH-TACT	15V,20mA,160gf+-50gf,6x3.10mm,S	

Others

Loc. No.	Code No.	Description	Specification
LCD	BN07-00005A	LCD-PANNEL	LTM150XS-L02,331.3*257.9*15.9,TN VERTICAL STRIPE,0.297*0.297
P/CORD	BH39-10307X	CBF-POWER/CORD	DET,H05VV-F,250V/6A,IVY,1830MM
S/CABLE	BN39-00030A	CBF-SIGNAL	DETACHABLE,1830MM,15P/15P,2990,D-SUB-MALE
PROCESS-PBA UNIT	BN94-00014C	ASSY,PCB-ST	RN15MS-XGD1/0000,EDC,EUROPE
B/D ASS'Y CODE	BN98-00005C	ASSY,PCB/MAIN-ST	RN15MS-XGD1/0000,EDC,EUROPE

Memo