

Parts List For Main PCB

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Part Type	Ref. No.	Description		
CC040	C101	CAPACITOR		
CC220	C102	CAPACITOR		
CC101	C103	CAPACITOR		
CC020	C104	CAPACITOR		
CC330	C105	CAPACITOR		
CC102	C106	CAPACITOR		
CC101	C107	CAPACITOR		
CC080	C108	CAPACITOR		
CC120	C110	CAPACITOR		
CC120	C111	CAPACITOR		
CC102	C112	CAPACITOR		
CC101	C121	CAPACITOR		
CC010	C122	CAPACITOR		
CC040	C123	CAPACITOR		
CC040	C124	CAPACITOR		
CC020	C125	CAPACITOR		
CC030	C131	CAPACITOR		
CC060	C132	CAPACITOR		
CC330	C135	CAPACITOR		
CC103	C136	CAPACITOR		
CC102	C137	CAPACITOR		
CC270	C138	CAPACITOR		
CC103	C139	CAPACITOR		
CC100	C151	CAPACITOR		
TCFGPOJ225M8R	C152	TANTAL CAP		
TCFGPOJ225M8R	C153	TANTAL CAP		
CC103	C154	CAPACITOR		
TCFGPOJ225M8R	C155	TANTAL CAP		
CC104	C156	CAPACITOR		
CC103	C157	CAPACITOR		
CC104	C158	CAPACITOR		
CC103	C159	CAPACITOR		
CC102	C160	CAPACITOR		
CC104	C162	CAPACITOR		
CC102	C171	CAPACITOR		
CC103	C172	CAPACITOR		
CC020	C173	CAPACITOR		
CC330	C174	CAPACITOR		
CC330	C175	CAPACITOR		
CC103	C177	CAPACITOR		
CC102	C178	CAPACITOR		
CC101	C204	CAPACITOR		
CC102	C207	CAPACITOR		
CC100	C208	CAPACITOR		
CC101	C209	CAPACITOR		
CC102	C212	CAPACITOR		
CC102	C213	CAPACITOR		
CC102	C214	CAPACITOR		
CC100	C241	CAPACITOR		
CC330	C242	CAPACITOR		
CC103	C243	CAPACITOR		

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Part Type	Ref. No.	Description		
CC102	C246	CAPACITOR		
CC102	C247	CAPACITOR		
CC020	C248	CAPACITOR		
CC103	C451	CAPACITOR		
CC103	C452	CAPACITOR		
CC104	C501	CAPACITOR		
CC104	C502	CAPACITOR		
CC101	C503	CAPACITOR		
CC104	C504	CAPACITOR		
CC473	C505	CAPACITOR		
TCFGP1A105M8R	C506	TANTAL CAPACITOR		
TCFGP1A105M8R	C507	TANTAL CAPACITOR		
TCFGP1A105M8R	C508	TANTAL CAPACITOR		
CC473	C509	CAPACITOR		
CC104	C510	CAPACITOR		
CC101	C511	CAPACITOR		
CC101	C512	CAPACITOR		
CC104	C513	CAPACITOR		
CC104	C514	CAPACITOR		
CC104	C515	CAPACITOR		
CC470	C516	CAPACITOR		
CC105	C517	CAPACITOR		
CC101	C518	CAPACITOR		
CC104	C519	CAPACITOR		
CC105	C520	CAPACITOR		
CC104	C521	CAPACITOR		
CC104	C522	CAPACITOR		
CC104	C523	CAPACITOR		
CC104	C524	CAPACITOR		
CC104	C525	CAPACITOR		
CC105	C526	CAPACITOR		
CC104	C527	CAPACITOR		
CC105	C528	CAPACITOR		
CC104	C529	CAPACITOR		
CC105	C530	CAPACITOR		
CC104	C531	CAPACITOR		
TCFG1AJ106M8R	C532	CAPACITOR		
MNA14-101	C533	4C ARRAY CAPACITOR		
CC101	C534	CAPACITOR		
MNA14-101	C535	4C ARRAY CAPACITOR		
MNA14-101	C536	4C ARRAY CAPACITOR		
MNA14-101	C537	4C ARRAY CAPACITOR		
CC104	C538	CAPACITOR		
MNA14-101	C539	4C ARRAY CAPACITOR		
MNA14-101	C540	4C ARRAY CAPACITOR		
MNA14-101	C541	4C ARRAY CAPACITOR		
MNA14-101	C542	4C ARRAY CAPACITOR		
MNA14-101	C543	4C ARRAY CAPACITOR		
MNA14-101	C544	4C ARRAY CAPACITOR		
MNA14-101	C545	4C ARRAY CAPACITOR		
ECEV1EA101UP	C546	ELEC-CAP 100/25V		

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Part Type	Ref. No.	Description		
CC331	C547	CAPACITOR		
CC222	C548	CAPACITOR		
ECEV1CA471P	C549	ELEC-CAP 470/16V		
CC102	C601	CAPACITOR		
CC060	C602	CAPACITOR		
CC101	C607	CAPACITOR		
CC030	C608	CAPACITOR		
CC090	C609	CAPACITOR		
CC120	C610	CAPACITOR		
CC101	C611	CAPACITOR		
CC101	C612	CAPACITOR		
TCFG1AJ475M8R	C614	TANTAL CAP		
CC101	C615	CAPACITOR		
CC224	C701	CAPACITOR		
CC102	C900	CAPACITOR		
CC101	C901	CAPACITOR		
CC101	C902	CAPACITOR		
CC101	C903	CAPACITOR		
CC100	C910	CAPACITOR		
CC101	C911	CAPACITOR		
TCFGA1AJ106M8R	C912	TANTAL CAP		
CC102	C913	CAPACITOR		
CC104	C914	CAPACITOR		
CC103	C915	CAPACITOR		
CC102	C916	CAPACITOR		
CC102	C917	CAPACITOR		
CC103	C918	CAPACITOR		
CC000	C930	CAPACITOR		
CC101	C931	CAPACITOR		
TCFG1AJ106M8R	C932	TANTAL CAP		
CC102	C933	CAPACITOR		
CC102	C934	CAPACITOR		
CC103	C935	CAPACITOR		
CC102	C936	CAPACITOR		
CC102	C937	CAPACITOR		
CC103	C938	CAPACITOR		
CC104	C939	CAPACITOR		
CC020	C940	CAPACITOR		
FX6-50P-0.8SV	CN501	50PIN CONNECTOR		
1SS345	D241	DIODE		
DA221	D501	DIODE		
RB705DT146	D502	DIODE		
RB060L-40TE25	D503	DIODE		
RB160L-40TE25	D504	DIODE		
DFYGR836CR881NHA	F100	DUPLEXER, AMPS		
EFCH86MMQW2	F102	IF SAW FILTER		
EFCH836MMTE3	F201	RF SAW FILTER		
LDC15B140J0836	F202	Coupler		
	J100	SMA CONNECTOR		
ELJRE15NGF2	L101	INDUCTOR		
ELJRE1N0DF2	L102	INDUCTOR		

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Part Type	Ref. No.	Description		
ELJRE10NGF2	L103	INDUCTOR		
ELJRER22GF3	L104	INDUCTOR		
ELJRER22GF3	L105	INDUCTOR		
ELJRER22GF3	L106	INDUCTOR		
ELJRER82GF3	L108	INDUCTOR		
ELJRE10NGF2	L109	INDUCTOR		
ELJRE10NGF2	L110	INDUCTOR		
ELJRE10NGF2	L111	INDUCTOR		
ELJRER10GF3	L171	INDUCTOR		
ELJRER10GF3	L172	INDUCTOR		
ELJRE10NGF2	L201	INDUCTOR		
ELJRE10NGF2	L202	INDUCTOR		
ELJRE4N7NZF2	L203	INDUCTOR		
ELJRE4N7NZF2	L204	INDUCTOR		
SLF12555-331MR59	L501	INDUCTOR		
SLF12555-331MR59	L502	INDUCTOR		
ELJRE10NGF2	L601	INDUCTOR		
ELJRE10NGF2	L603	INDUCTOR		
ELJRE1N8ZF2	L606	INDUCTOR		
ELJRE10NGF2	L607	INDUCTOR		
ELJRE1N8ZF2	L608	INDUCTOR		
ELJRE10NGF2	L911	INDUCTOR		
ELJRE10NGF2	L912	INDUCTOR		
ELJRE10NGF2	L931	INDUCTOR		
ELJRE10NGF2	L932	INDUCTOR		
2SC5508	Q101	TRANSISTOR		
2SC5186	Q121	TRANSISTOR		
2SC4187	Q131	TRANSISTOR		
2SC4187	Q171	TRANSISTOR		
2SB1188T100Q	Q501	TRANSISTOR		
2SC5288	Q603	TRANSISTOR		
NE5500179A	Q604	TRANSISTOR(FET)		
2SC4617	Q605	TRANSISTOR		
DTA123YEA	Q606	DIGI-TRA		
DTC114EEA	Q607	TRANSISTOR		
UMC2N	Q701	DIGI-TRA PNP/NPN		
RC563	R101	RESISTOR		
RC183	R102	RESISTOR		
RC102	R103	RESISTOR		
RC101	R104	RESISTOR		
RC152	R105	RESISTOR		
RC104	R131	RESISTOR		
RC222	R133	RESISTOR		
RC331	R134	RESISTOR		
RC332	R151	RESISTOR		
RC102	R152	RESISTOR		
RC220	R153	RESISTOR		
RC101	R154	RESISTOR		
RC104	R171	RESISTOR		
RC473	R172	RESISTOR		
RC220	R173	RESISTOR		

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Part Type	Ref. No.	Description		
RC220	R174	RESISTOR		
RC101	R241	RESISTOR		
RC103	R242	RESISTOR		
RC103	R243	RESISTOR		
RC104	R244	RESISTOR		
RC103	R245	RESISTOR		
RC474	R246	RESISTOR		
RC103	R247	RESISTOR		
RC102	R401	RESISTOR		
RC101	R405	RESISTOR		
RC103	R501	RESISTOR		
RC104	R502	RESISTOR		
RC104	R503	RESISTOR		
RC563	R504	RESISTOR		
RC473	R505	RESISTOR		
RC473	R506	RESISTOR		
RC153	R507	RESISTOR		
RC104	R508	RESISTOR		
RC104	R509	RESISTOR		
RC104	R510	RESISTOR		
RC124	R511	RESISTOR		
RC104	R512	RESISTOR		
RC104	R513	RESISTOR		
RC104	R514	RESISTOR		
RC223	R515	RESISTOR		
RC223	R516	RESISTOR		
RC104	R517	RESISTOR		
ICP-S1.2	R518	CHIP FUSE		
RC104	R519	RESISTOR		
RC104	R520	RESISTOR		
RC104	R521	RESISTOR		
RC104	R522	RESISTOR		
RC104	R523	RESISTOR		
RC101	R524	RESISTOR		
MNR04-101	R525	4R_ARRAY RESISTOR		
RC104	R526	RESISTOR		
MNR04-102	R527	4R_ARRAY RESISTOR		
MNR04-102	R528	4R_ARRAY RESISTOR		
MNR04-102	R529	4R_ARRAY RESISTOR		
MNR04-102	R530	4R_ARRAY RESISTOR		
MNR04-102	R531	4R_ARRAY RESISTOR		
MNR04-102	R532	4R_ARRAY RESISTOR		
MNR04-102	R533	4R_ARRAY RESISTOR		
MNR04-102	R534	4R_ARRAY RESISTOR		
MNR04-102	R535	4R_ARRAY RESISTOR		
RCR47	R536	RESISTOR		
RCR47	R537	RESISTOR		
RC102	R538	RESISTOR		
RC181	R539	RESISTOR		
RC182	R540	RESISTOR		
RC682	R541	RESISTOR		

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Part Type	Ref. No.	Description		
RC101	R542	RESISTOR		
RC000	R543	RESISTOR		
RC182	R601	RESISTOR		
RC102	R602	RESISTOR		
RC6R8	R603	RESISTOR		
RC151	R604	RESISTOR		
RC182	R606	RESISTOR		
RC471	R607	RESISTOR		
RC680	R807	RESISTOR		
RC101	R901	RESISTOR		
RC101	R902	RESISTOR		
RC101	R903	RESISTOR		
RC680	R910	RESISTOR		
RC471	R911	RESISTOR		
RC102	R912	RESISTOR		
RC682	R913	RESISTOR		
RC101	R914	RESISTOR		
RC680	R930	RESISTOR		
RC221	R931	RESISTOR		
RC102	R932	RESISTOR		
RC682	R933	RESISTOR		
RC101	R934	RESISTOR		
RC102	R935	RESISTOR		
RC101	R936	RESISTOR		
TA31181FN	U101	amps 60KHz IF IC		
UPC2771T	U201	MMIC		
BA10358FV	U241	IC(OPAMP)		
AK2336	U501	IC		
S80827AN	U502	RESET IC 2.7V (OPEN DRAIN)		
AT24C32N	U503	EEPROM		
HD64F3048X116	U504	CPU (FLASH)5V		
TK11136S	U505	3.6V REG IC		
TK11136S	U506	3.6V REG IC		
NJM2360AM-TE1	U507	SW REG IC		
MB15F07SL-BCC	U900	DUAL 1.1 GHz PLL IC		
TCX-TTS10V	X451	TCXO		
MQH-004-967	X911	RX VCO		
MQE-918-836-T7	X931	TX VCO		
		PCB		