

BJ-UV99 PARTS LIST

Display Unit:

Designators	Name	Comment	Footprint
A1	Crystal	32.768KHz	
C1	Capacitor	100P	0402
C10	Capacitor	102P	0402
C100	Capacitor	104P	0402
C101	Capacitor	225P	0805
C102	Capacitor	102P	0402
C103	Capacitor	220P	0402
C104	Capacitor	683P	0402
C105	Capacitor	102P	0402
C106	Capacitor	102P	0402
C107	Capacitor	102P	0402
C108	Capacitor	102P	0402
C109	Capacitor	102P	0402
C11	Capacitor	475P	0805
C110	Capacitor	102P	0402
C111	Capacitor	102P	0402
C112	Capacitor	102P	0402
C113	Capacitor	102P	0402
C114	Capacitor	102P	0402
C115	Capacitor	102P	0402
C116	Capacitor	102P	0402
C117		NC	0402
C118		NC	0402
C119		NC	0402
C12	Capacitor	104P	0402
C120		NC	0402
C121		NC	0402
C122		NC	0402
C123		NC	0402
C124		NC	0402
C125		NC	0402
C13	Capacitor	104P	0402
C14		NC	0402
C15	Capacitor	104P	0402
C16	Capacitor	104P	0402
C17	Capacitor	104P	0402
C18	Capacitor	104P	0402
C19	Capacitor	104P	0402
C2	Capacitor	100P	0402
C20	Capacitor	104P	0402
C21	Capacitor	104P	0402
C22	Capacitor	104P	0402
C23	Capacitor	104P	0402

C24	Capacitor	104P	0402
C25	Capacitor	104P	0402
C26	Capacitor	104P	0402
C27	Capacitor	104P	0402
C28	Capacitor	104P	0402
C29	Capacitor	104P	0402
C3	Capacitor	100P	0402
C30	Capacitor	104P	0402
C31	Capacitor	104P	0402
C32	Capacitor	104P	0402
C33	Capacitor	104P	0402
C34	Capacitor	104P	0402
C35	Capacitor	103P	0402
C36	Capacitor	104P	0402
C37	Capacitor	104P	0402
C38	Capacitor	102P	0402
C39	Capacitor	470P	0402
C4	Capacitor	100P	0402
C40	Capacitor	10K	0402
C41	Capacitor	103P	0402
C42		NC	0402
C43	Capacitor	103P	0402
C44	Capacitor	103P	0402
C45	Capacitor	103P	0402
C46	Capacitor	103P	0402
C47	Capacitor	103P	0603
C48	Capacitor	103P	0402
C49	Capacitor	103P	0402
C5	Capacitor	100P	0402
C50	Capacitor	103P	0402
C51	Capacitor	103P	0402
C52	Capacitor	103P	0402
C53	Capacitor	103P	0402
C54	Capacitor	22P	0402
C55	Capacitor	103P	0402
C56	Capacitor	22P	0402
C57	Capacitor	100P	0402
C58	Capacitor	470P	0402
C59	Capacitor	470P	0402
C6	Capacitor	100P	0402
C60	Capacitor	106P	0805
C61	Resistor	0R	0402
C62	Capacitor	22P	0402
C63	Capacitor	22P	0402
C64	Capacitor	473P	0402
C65	Capacitor	473P	0603
C66	Capacitor	683P	0402

C67	Capacitor	103P	0402
C68	Capacitor	102P	0402
C69	Capacitor	102P	0402
C7	Capacitor	100P	0402
C70	Capacitor	102P	0402
C71		NC	0402
C72		NC	0402
C73		NC	0402
C74		NC	0402
C75	Capacitor	102P	0402
C76	Capacitor	102P	0402
C77	Capacitor	102P	0402
C78	Capacitor	102P	0402
C79	Capacitor	102P	0402
C8	Capacitor	100P	0402
C80	Capacitor	102P	0402
C81	Capacitor	102P	0402
C82	Capacitor	102P	0402
C83	Capacitor	102P	0402
C84	Capacitor	102P	0402
C85	Capacitor	102P	0402
C86	Capacitor	100P	0402
C87	Capacitor	102P	0402
C88	Capacitor	100P	0402
C89	Capacitor	100P	0402
C9	Capacitor	100P	0402
C90	Capacitor	102P	0402
C91	Capacitor	223P	0402
C92	Capacitor	102P	0402
C93	Capacitor	102P	0402
C94	Capacitor	475P	0603
C95	Capacitor	475P	0805
C96	Capacitor	105P	0402
C97	Capacitor	10UF	0805
C98	Capacitor	106P	0805
C99		NC	0402
CR1		NC	CR32.768(L)
D1	Diode	HSC277	0603
D2	Diode	1N4148	0603
D3	Diode	1N4148	0603
E1	Capacitor	10UF	0805
E2	Capacitor	10UF	0805
L1	Inductor	CH220NH	0603
L3	Inductor	CH220NH	0603
L6	Inductor	CH180NH	0603
L7		NC	0603
L8	Resistor	0R	0603

L9	Resistor	0R	0603
LCD1	LCD		
MIC1	MIC		
PIN1	PIN ASSY	PIN-32	
R1	Resistor	1K	0402
R10	Resistor	560R	0402
R100	Resistor	180K	0402
R101	Resistor	180K	0402
R102	Resistor	1K	0402
R103		NC	0402
R104	Resistor	100K	0402
R105	Resistor	0R	0402
R106	Resistor	100K	0402
R107	Resistor	1K	0402
R108	Resistor	1K	0402
R109	Resistor	1K	0402
R11	Resistor	560R	0402
R110	Resistor	100R	0402
R111	Resistor	1K	0402
R112	Resistor	1K	0402
R113	Resistor	1K	0402
R114	Resistor	0R	0402
R115	Resistor	1K	0402
R116	Resistor	1K	0402
R117	Resistor	1K	0402
R118	Resistor	1K	0402
R119	Resistor	1K	0402
R12	Resistor	560R	0402
R120	Resistor	1K	0402
R121	Resistor	1K	0402
R122	Resistor	1K	0402
R123	Resistor	1K	0402
R124	Resistor	1K	0402
R125	Resistor	1K	0402
R126	Resistor	1K	0402
R127	Resistor	1K	0402
R128	Resistor	0R	0402
R129	Resistor	0R	0402
R13	Resistor	82K	0402
R130	Resistor	0R	0402
R131	Resistor	0R	0402
R132	Resistor	0R	0402
R133	Resistor	0R	0402
R134	Resistor	0R	0402
R135	Resistor	0R	0402
R136	Resistor	0R	0402
R14	Resistor	1K8	0402

R15	Resistor	2K2	0402
R16	Resistor	2K2	0402
R17	Resistor	2K2	0402
R18	Resistor	2K2	0402
R19	Resistor	820R	0402
R2	Resistor	1K	0402
R20	Resistor	47K	0402
R21	Resistor	22K	0402
R22	Resistor	47K	0402
R23	Resistor	47K	0402
R24	Resistor	47K	0402
R25	Resistor	47K	0402
R26	Resistor	47K	0402
R27	Resistor	47K	0402
R28	Resistor	47K	0402
R29	Resistor	47K	0402
R3	Resistor	47K	0402
R30	Resistor	47K	0402
R31	Resistor	47K	0402
R32	Resistor	47K	0402
R33	Resistor	47K	0402
R34	Resistor	47K	0402
R35	Resistor	47K	0402
R36	Resistor	47K	0402
R37	Resistor	47K	0402
R38	Resistor	47K	0402
R39	Resistor	47K	0402
R4	Resistor	47K	0402
R40	Resistor	47K	0402
R41	Resistor	47K	0402
R42	Resistor	47K	0402
R43	Resistor	47K	0402
R44	Resistor	4K7	0402
R45	Resistor	33K	0402
R46	Resistor	47K	0402
R47	Resistor	4K7	0402
R48	Resistor	4K7	0402
R49	Resistor	100K	0402
R5	Resistor	47K	0402
R50	Resistor	15K	0402
R51	Resistor	82K	0402
R52	Resistor	4K7	0402
R53	Resistor	1K	0402
R54	Resistor	4K7	0402
R55	Resistor	4K7	0402
R56	Resistor	4K7	0402
R57	Resistor	22K	0402

R58	Resistor	12K	0402
R59	Resistor	33K	0402
R6	Resistor	47K	0402
R60	Resistor	15K	0402
R61	Resistor	100K	0402
R62	Resistor	390K	0402
R63	Resistor	39K	0402
R64	Resistor	30K	0402
R65	Resistor	3K9	0402
R66	Resistor	3K9	0402
R67	Resistor	150K(F)	0402
R68	Resistor	150K(F)	0402
R69		NC	0402
R7	Resistor	47K	0402
R70	Resistor	220K	0402
R71	Resistor	220K	0402
R72	Resistor	180K	0402
R73	Resistor	3K3	0402
R74	Resistor	1K	0402
R75	Resistor	1K	0402
R76	Resistor	1K	0402
R77	Resistor	1K	0402
R78	Resistor	1K	0402
R79	Resistor	1K	0402
R8	Resistor	560R	0402
R80	Resistor	1K	0402
R81	Resistor	470R	0402
R82	Resistor	2K2	0402
R83	Resistor	2K2	0402
R84	Resistor	2K2	0402
R85	Resistor	2K2	0402
R86	Resistor	2K2	0402
R87	Resistor	20K	0402
R88	Resistor	8K2	0402
R89	Resistor	1K	0402
R9	Resistor	560R	0402
R90	Resistor	1K	0402
R91	Resistor	10K	0402
R92	Resistor	1K	0402
R93	Resistor	10K	0402
R94	Resistor	10K	0402
R95	Resistor	10K	0402
R96	Resistor	10K	0402
R97	Resistor	1K	0402
R98	Resistor	1K	0402
R99	Resistor	56K	0402
RP1	Resistor	4K7	RP-1206-4

T1	Transistor	2SB624(BV4)	SOT-23
T10	Transistor	DTC114EE	SOT-523F
T11	Transistor	DTC114EE	SOT-523F
T13	Transistor	M2	SOT-523F
T14	Transistor	2SC4617	SOT-523F
T15	Transistor	2SK1824	SOT-523F-M
T2	Transistor	DTC114EE	SOT-523F
T3	Transistor	DTA114EE	SOT-523F
T4	Transistor	DTC114EE	SOT-523F
T5	Transistor	DTC114EE	SOT-523F
T6	Transistor	2SC4617	SOT-523F
T7	Transistor	2SB624(BV4)	SOT-23
T8	Transistor	2SC4617	SOT-523F
T9	Transistor	2SC4617	SOT-523F
U1	IC	HT44780	U_44780BD
U2	IC	RDA5802E	RDA5802P
U3	IC	88L70	SSOP20-P-225-0.65B
U4	IC	AP88T368	QFP80-1010
U5	IC	24C64	SOP8
V1	LED	White	0603
V2	LED	White	0603
V3	LED	White	0603
V4	LED	White	0603
V5	LED	White	0603
V6	LED	White	0603
X1	Crystal	3.579545MHZ	CRYSTAL

TX-RX Unit:

Designators	Name	Comment	Footprint
ANT1		ANTENNA	AT
BAT1		BATTERY	BATT
C1	Capacitor	9P	0603
C10	Capacitor	6P	0603
C100	Capacitor	470P	0402
C101	Capacitor	470P	0402
C102	Capacitor	470P	0402
C104	Capacitor	470P	0402
C105	Capacitor	470P	0402
C106	Capacitor	470P	0402
C107	Capacitor	470P	0402
C109	Capacitor	470P	0402
C11		NC	0402
C110	Capacitor	22P	0603
C111	Capacitor	33P	0603
C112	Capacitor	NC	0603
C113	Capacitor	33P	0603
C114	Capacitor	33P	0402

C115	Capacitor	33P	0402
C116	Capacitor	33P	0402
C117	Capacitor	104P	0402
C118	Capacitor	104P	0402
C119	Capacitor	104P	0402
C12	Capacitor	6P	0402
C120	Capacitor	104P	0402
C121	Capacitor	104P	0402
C122	Capacitor	104P	0402
C123	Capacitor	104P	0402
C124	Capacitor	104P	0402
C125	Capacitor	104P	0402
C126	Capacitor	104P	0402
C127	Capacitor	104P	0402
C128	Capacitor	104P(T.Y.)	3216
C129	Capacitor	104P(T.Y.)	3216
C13	Capacitor	7P	0402
C130	Capacitor	104P(T.Y.)	3216
C131	Capacitor	104P	0402
C132	Capacitor	104P	0402
C14	Capacitor	8P	0603
C146	Capacitor	104P	0402
C147	Capacitor	104P	0402
C149	Capacitor	104P	0402
C15	Capacitor	6P	0402
C151	Capacitor	104P	0402
C152	Capacitor	104P	0402
C153	Capacitor	104P	0402
C155	Capacitor	104P	0402
C157	Capacitor	104P	0402
C158	Capacitor	104P	0402
C16	Capacitor	8P	0402
C160	Capacitor	104P	0402
C161	Capacitor	104P	0603
C162	Capacitor	104P	0402
C163		NC	0402
C165	Capacitor	104P	0402
C166	Capacitor	104P	0402
C167	Capacitor	104P	0402
C168	Capacitor	104P	0402
C169	Capacitor	104P	0402
C17	Capacitor	5P	0603
C170	Capacitor	22P	0603
C171	Capacitor	10P	0603
C172	Capacitor	10P	0402
C173	Capacitor	3P	0402
C174		NC	0603

C175	Capacitor	10P	0402
C176	Capacitor	10P	0402
C177	Capacitor	10P	0402
C178	Capacitor	10P	0402
C179	Capacitor	103P	0402
C18	Capacitor	5P	0402
C180	Capacitor	103P	0402
C181	Capacitor	103P	0402
C182	Capacitor	103P	0402
C183	Capacitor	103P	0402
C184	Capacitor	103P	0402
C185	Capacitor	103P	0402
C186	Capacitor	103P	0402
C187	Capacitor	103P	0402
C188	Capacitor	103P	0402
C189	Capacitor	103P	0402
C19	Capacitor	5P	0402
C190	Capacitor	103P	0402
C191	Capacitor	103P	0402
C192	Capacitor	103P	0402
C193	Capacitor	103P	0402
C194	Capacitor	103P	0402
C195	Capacitor	103P	0402
C196	Capacitor	103P	0402
C2	Capacitor	2P	0402
C20	Capacitor	5P	0402
C207	Capacitor	103P	0402
C209	Capacitor	103P	0402
C21	Capacitor	7P	0402
C210	Capacitor	103P	0402
C211	Capacitor	103P	0402
C212	Capacitor	103P	0402
C213	Capacitor	103P	0402
C215	Capacitor	103P	0402
C216	Capacitor	103P	0402
C217	Capacitor	103P	0402
C218	Capacitor	103P	0402
C22		NC	0603
C220	Capacitor	103P	0402
C222	Capacitor	103P	0402
C223	Capacitor	103P	0402
C224	Capacitor	105P	0402
C225		NC	0402
C226		NC	0402
C227		NC	0402
C229	Capacitor	6P	0603
C23	Capacitor	5P	0402

C230	Capacitor	100P	0402
C231	Capacitor	100P	0402
C232	Capacitor	10UF	0805
C233	Capacitor	100P	0402
C234	Capacitor	100P	0402
C235	Capacitor	100P	0402
C236	Capacitor	100P	0402
C237	Capacitor	100P	0402
C24	Capacitor	18P	0402
C240	Capacitor	100P	0402
C241	Capacitor	100P	0402
C244	Capacitor	100P	0402
C245	Capacitor	102P	0402
C25	Capacitor	4P	0402
C250	Capacitor	220P	0402
C251	Capacitor	100P	0603
C252	Capacitor	100P	0402
C253	Capacitor	100P	0603
C254	Capacitor	100P	0402
C255	Capacitor	100P	0402
C256	Capacitor	102P	0402
C257	Capacitor	102P	0402
C258	Capacitor	102P	0402
C259	Capacitor	102P	0402
C26	Capacitor	4P	0603
C260	Capacitor	102P	0402
C261	Capacitor	102P	0402
C262	Capacitor	102P	0402
C263	Capacitor	102P	0402
C264	Capacitor	102P	0402
C265	Capacitor	102P	0402
C266	Capacitor	102P	0402
C267	Capacitor	102P	0402
C268	Capacitor	102P	0402
C269	Capacitor	102P	0402
C27	Capacitor	4P	0402
C270	Capacitor	102P	0402
C271	Capacitor	102P	0402
C272	Capacitor	102P	0402
C273	Capacitor	102P	0402
C274	Capacitor	102P	0402
C275	Capacitor	102P	0402
C276	Capacitor	102P	0402
C277	Capacitor	102P	0402
C278	Capacitor	102P	0402
C279	Capacitor	102P	0402
C28	Capacitor	0R	0402

C280	Capacitor	102P	0402
C281	Capacitor	102P	0402
C284	Capacitor	102P	0402
C285	Capacitor	102P	0402
C286	Capacitor	102P	0402
C287	Capacitor	102P	0402
C288	Capacitor	102P	0402
C289	Capacitor	102P	0402
C29		NC	0402
C290	Capacitor	102P	0402
C291	Capacitor	102P	0402
C292	Capacitor	102P	0402
C293	Capacitor	120P	0402
C294	Capacitor	102P	0402
C295	Capacitor	102P	0402
C296	Capacitor	102P	0402
C297	Capacitor	102P	0402
C298	Capacitor	102P	0402
C299	Capacitor	102P	0402
C3	Capacitor	3P	0402
C30		NC	0402
C300	Capacitor	102P	0402
C301	Capacitor	102P	0402
C302	Capacitor	102P	0402
C304	Capacitor	102P	0402
C305	Capacitor	102P	0402
C306	Capacitor	102P	0402
C307	Capacitor	102P	0603
C308	Capacitor	102P	0402
C309	Capacitor	102P	0402
C31		NC	0603
C310	Capacitor	7P	0402
C311	Capacitor	7P	0402
C312	Capacitor	7P	0603
C313	Capacitor	7P	0402
C314	Capacitor	7P	0402
C315	Capacitor	3P	0402
C316	Capacitor	3P	0402
C317	Capacitor	3P	0402
C318	Capacitor	3P	0402
C319		NC	0402
C32	Capacitor	47P	0603
C320	Capacitor	12P	0402
C321	Capacitor	12P	0402
C322	Capacitor	12P	0603
C323	Capacitor	12P	0603
C324	Capacitor	12P	0402

C325	Capacitor	12P	0402
C326		NC	0402
C327	Capacitor	0P5	0402
C328	Capacitor	0P5	0603
C329	Capacitor	2P	0402
C33		NC	0603
C330	Capacitor	2P	0402
C331	Capacitor	4.7UF	0805
C332	Capacitor	4U7F	0805
C333	Capacitor	4.7UF	0805
C334	Capacitor	4.7UF	0805
C335	Capacitor	10UF	0805
C336	Capacitor	475P(T.Y.)	3216
C337	Capacitor	10UF	0805
C338	Capacitor	10UF	0805
C339	Capacitor	10UF	0805
C34		NC	0603
C340	Capacitor	10UF	3216
C341	Capacitor	10UF	0805
C342	Capacitor	10UF	0805
C343	Capacitor	10UF	0805
C344	Capacitor	473P	0402
C345	Capacitor	473P	0402
C346	Capacitor	473P	0402
C347	Capacitor	473P	0402
C35		NC	0603
C351	Capacitor	473P	0603
C352	Capacitor	1P	0402
C353	Capacitor	473P	0603
C354	Capacitor	105P	0402
C355	Capacitor	105P	0402
C356	Capacitor	105P	0603
C357	Capacitor	105P	0402
C358	Capacitor	104P	0402
C359	Capacitor	820P	0402
C36		NC	0603
C360	Capacitor	332P	0402
C361	Capacitor	332P	0402
C362	Capacitor	680P	0402
C363	Capacitor	223P	0402
C364	Capacitor	223P	0402
C366	Capacitor	223P	0402
C367	Capacitor	225P	0805
C369	Capacitor	4.7UF	3216
C37		NC	0402
C370	Capacitor	103P	0402
C371	Capacitor	220P	0402

C372	Capacitor	220P	0603
C374	Capacitor	220P	0402
C375	Capacitor	220P	0402
C376	Capacitor	220P	0402
C377	Capacitor	220P	0402
C378	Capacitor	220P	0402
C379	Capacitor	39P	0603
C38		NC	0402
C380	Capacitor	33P	0603
C381	Capacitor	12P	0402
C382	Capacitor	47P	0402
C383	Capacitor	15P	0402
C384	Capacitor	8P	0402
C385	Capacitor	24P	0603
C386	Capacitor	22P	0402
C387	Capacitor	22P	0402
C388	Capacitor	18P	0402
C389	Capacitor	22P	0402
C39		NC	0402
C390	Capacitor	104P(T.Y.)	3216
C391	Capacitor	475P(T.Y.)	3216
C392	Capacitor	15P	0402
C393	Capacitor	15P	0402
C394		NC	0402
C395	Capacitor	2P	0402
C4	Capacitor	1P	0603
C40		NC	0402
C400	Capacitor	104P	0402
C401	Capacitor	106P	0805
C402	Capacitor	106P	0805
C403	Capacitor	470P	0402
C407	Resistor	0R	0402
C408	Resistor	0R	0402
C409	Resistor	0R	0402
C41		NC	0402
C410	Resistor	0R	0402
C411	Capacitor	1P5	0402
C412	Capacitor	1P5	0402
C413	Capacitor	82P	0402
C414	Capacitor	104P	0402
C415	Capacitor	68P	0402
C416	Capacitor	68P	0402
C417	Capacitor	102P	0402
C418	Capacitor	360P	0402
C419	Capacitor	47P	0402
C42		NC	0402
C420	Capacitor	104P	0402

C421	Capacitor	474P	0402
C422	Capacitor	105P	0402
C423		NC	0402
C424	Capacitor	102P	0402
C43		NC	0402
C44		NC	0402
C45		NC	0402
C46		NC	0402
C47		NC	0402
C5	Capacitor	1P	0402
C53	Capacitor	22P	0603
C54	Capacitor	22P	0603
C55	Capacitor	22P	0402
C56	Capacitor	22P	0402
C59	Capacitor	22P	0402
C6	Capacitor	1P5	0402
C60	Capacitor	27P	0402
C62		NC	0402
C63	Capacitor	470P	0402
C64	Capacitor	470P	0402
C65	Capacitor	470P	0603
C66	Capacitor	470P	0603
C67	Capacitor	470P	0402
C68	Capacitor	470P	0402
C69	Capacitor	470P	0402
C7	Capacitor	1P	0402
C70	Capacitor	470P	0402
C71	Capacitor	470P	0402
C72	Capacitor	470P	0402
C73	Capacitor	470P	0402
C74	Capacitor	470P	0402
C75	Capacitor	470P	0402
C76	Capacitor	470P	0402
C77	Capacitor	470P	0402
C78	Capacitor	470P	0402
C79	Capacitor	470P	0402
C8	Capacitor	1P	0402
C80	Capacitor	470P	0402
C81	Capacitor	470P	0402
C82	Capacitor	470P	0402
C83	Capacitor	470P	0402
C84	Capacitor	470P	0402
C85	Capacitor	470P	0402
C86	Capacitor	470P	0603
C87	Capacitor	470P	0402
C88	Capacitor	470P	0402
C89	Capacitor	470P	0402

C9	Capacitor	1P	0402
C90	Capacitor	470P	0402
C91	Capacitor	470P	0402
C92	Capacitor	470P	0402
C93		NC	0402
C94	Capacitor	470P	0402
C95	Capacitor	470P	0402
C96	Capacitor	470P	0402
C97	Capacitor	470P	0402
C98	Capacitor	470P	0402
C99	Capacitor	470P	0402
CR1	Crystal	50C24	
D1	Diode	HSC277	0603
D10	Diode	HSC277	0603
D11	Diode	HSC277	0603
D12	Diode	HSC277	0603
D13	Diode	HSC277	0603
D14	Diode	HSC277	0603
D15	Diode	HSC277	0603
D16	Diode	HSC277	0603
D17	Diode	HVC369	0603
D18	Diode	HVC376	0603
D19	Diode	HVC376	0603
D2	Diode	HSC277	0603
D20	Diode	HVC376	0603
D21	Diode	HVC376	0603
D22	Diode	HVC376	0603
D23	Diode	HVC376	0603
D24	Diode	HVC369	0603
D25	Diode	HVC369	0603
D26	Diode	ISS372	SOT-416
D27		NC	SOT-416-23
D28		NC	SOT-416-23
D29	Diode	HVC350(B0)	0603
D3	Diode	HSC277	0603
D30	Diode	HVC350(B0)	0603
D31	Diode	HVC350(B0)	0603
D32	Diode	HVC350(B0)	0603
D33	Diode	HVC350(B0)	0603
D34	Diode	HVC350(B0)	0603
D35	Diode	1N4148	0603
D38	Diode	1N4148	0603
D39	Diode	1N4148	0603
D4	Diode	HSC277	0603
D40	Diode	HSC277	0603
D41	LED	RED	0603
D42	LED	GREEN	0603

D43	Diode	HSC277	0603
D44		NC	0603
D45	Capacitor	7P	0603
D46		NC	0805
D47		NC	0805
D48	Diode	SF36	
D5	Diode	BA592	0805
D6	Diode	BA592	0805
D7	Diode	HSC277	0603
D8	Diode	HSC277	0603
D9	Diode	HSC277	0603
E1	Capacitor	100UF	6032
E4	Capacitor	106P	3216
E5	Capacitor	106P	3216
E6	Capacitor	106P	0805
E7	Capacitor	106P	0805
FL1	MCF	38.55MHz	
FL2	MCF	38.55MHz	
FL3	MCF	450F	
JK1		3.5D PHONE JACK	
JK2		2.5D PHONE JACK	
L1	Air-Core Coil	EL0.4*1.4*5TR	
L10	Ferrite	101T	0805
L11	Ferrite	101T	0805
L12	Ferrite	101T	0805
L13	Air-Core Coil	EL0.35*1.2*10TR	
L14	Air-Core Coil	EL0.35*1.2*10TR	
L15	Inductor	CH2.2NH	0805
L16	Inductor	CM1R0	0805
L17	Inductor	CM1R0	0805
L18	Inductor	CH15NH	0603
L19	Inductor	CH15NH	0603
L2	Air-Core Coil	EL0.4*1.4*5TR	
L20	Ferrite	101T	0603
L21	Inductor	CH18NH	0603
L22	Inductor	CH12NH	0603
L23	Inductor	CH18NH	0603
L24	Inductor	CH18NH	0603
L25	Inductor	CH22NH	0603
L26	Inductor	CI1UH	0603
L27	Inductor	CI1UH	0603
L28	Inductor	CI1UH	0603
L29	Inductor	CH220NH	0603
L3	Air-Core Coil	EL0.4*1.5*4TR	
L30	Inductor	CH100NH	0603
L31	Inductor	CH100NH	0603
L32	Inductor	CH100NH	0603

L33	Inductor	CH82NH	0603
L34	Inductor	CM22NH	0805
L35	Inductor	CM27NH	0603
L36	Inductor	CM6N8H	0805
L37	Ferrite	600T/2.5A	0603
L38	Inductor	CI100NH	0603
L39	Air-Core Coil	EL0.35*1.6*8TR	
L4	Air-Core Coil	EL0.4*1.0*4TR	
L40	Air-Core Coil	EL0.35*1.6*7TR	
L41	Inductor	CM6N8H	0603
L42	Inductor	CM4N7H	0603
L43	Air-Core Coil	EL0.4*1.0*4TR	
L44	Inductor	CM15NH	0603
L45	Inductor	CH68NH	0603
L46	Inductor	CM55NH	0603
L47	Inductor	CM150NH	0603
L48	Inductor	CM30NH	0603
L49	Inductor	CM30NH	0603
L5	Air-Core Coil	EL0.35*1.5*4TR	
L50	Inductor	CH68NH	0603
L51	Inductor	CH27NH	0603
L52	Inductor	CH220NH	0603
L53	Ferrite	101T	0603
L54	Inductor	CM330NH	0805
L55	Inductor	CM560NH	0805
L56	Inductor	CH120NH	0603
L57	Inductor	CI27UH	0603
L58	Inductor	CI27UH	0603
L59	Inductor	CM15NH	0603
L6	Air-Core Coil	EL0.35*1.6*7TR	
L60	Inductor	CI22UH	0603
L61	Inductor	CI22UH	0603
L64	Inductor	CH220NH	0603
L65	Inductor	CM27NH	0603
L66	Resistor	0R	0603
L67	Resistor	0R	0603
L68	Inductor	CM39NH	0603
L7	Inductor	CM220N	0805
L71	Inductor	CM82NH	0603
L72	Inductor	CM82NH	0603
L73	Inductor	CH68NH	0603
L74	Inductor	CH68NH	0603
L75	Inductor	CM330NH	0805
L76	Inductor	CM560NH	0805
L77	Inductor	CH47NH	0603
L78	Resistor	3K3	0603
L79	Inductor	CH220NH	0603

L8	Inductor	CM220N	0805
L80	Inductor	CH220NH	0603
L81	Ferrite	301T	0603
L82	Ferrite	501T	0603
L83		NC	0603
L84	Inductor	CI100NH	0805
L85	Ferrite	101T	0603
L86	Inductor	SM4532-18UH	18UH
L87	Inductor	CH330NH	0603
L9	Ferrite	101T	0805
LD1		NC	D-SMA
PIN1	PIN ASSY	0.5*32PIN	PIN32
Q1	Transistor	2SC5066	SOT-523F
Q10	Transistor	DTC114EE	SOT-523F
Q11	Transistor	DTC114EE	SOT-523F
Q12	Transistor	DTC114EE	SOT-523F
Q13	Transistor	DTC114EE	SOT-523F
Q14	Transistor	2SC4617	SOT-523F
Q15	Transistor	2SC4617	SOT-523F
Q16	Transistor	2SC5066(M2)	SOT-523F
Q17	Transistor	DTA114EE	SOT-523F
Q18	Transistor	DTA114EE	SOT-523F
Q19	Transistor	UMC4	UMC4
Q2	Transistor	2SC5066	SOT-523F
Q20	Transistor	UMC4	UMC4
Q21	Transistor	2SB624	SOT-23
Q22	Transistor	2SB624	SOT-23
Q23	Transistor	2SB624	SOT-23
Q24	Transistor	2SB624	SOT-23
Q25	Transistor	UMG3	UMC4
Q3	Transistor	2SC5066	SOT-523F
Q4	Transistor	2SC5066	SOT-523F
Q5	Transistor	2SC5066	SOT-523F
Q6	Transistor	2SC5066	SOT-523F
Q7	Transistor	2SK508	SOT-23-K52
Q8	Transistor	DTC114EE	SOT-523F
Q9	Transistor	DTC114EE	SOT-523F
R1	Resistor	0R	0402
R10	Resistor	0R	0402
R100	Resistor	10R	0402
R101	Resistor	10R	0805
R102	Resistor	680R	0402
R103	Resistor	680R	0402
R104	Resistor	680R	0402
R105	Resistor	330R	0402
R106	Resistor	2K2	0402
R107	Resistor	560R	0402

R108	Resistor	2K2	0402
R109	Resistor	2K2	0402
R11	Resistor	0R	0402
R110	Resistor	2K2	0402
R111	Resistor	2K2	0402
R112	Resistor	10K	0402
R113	Resistor	10K	0402
R114	Resistor	10K	0402
R115	Resistor	10K	0402
R116	Resistor	10K	0402
R117	Resistor	120K	0402
R118	Resistor	10K	0402
R119	Resistor	10K	0402
R12	Resistor	0R	0402
R120	Resistor	10K	0402
R121	Resistor	10K	0402
R123	Resistor	10K	0402
R125	Resistor	1K	0402
R128	Resistor	10K	0603
R129	Resistor	10K	0402
R13	Resistor	1M	0402
R130	Resistor	10K	0402
R131	Resistor	10K	0402
R132	Resistor	10K	0402
R133	Resistor	4K7	0402
R134	Resistor	4K7	0402
R135	Resistor	4K7	0402
R136	Resistor	4K7	0402
R137	Resistor	4K7	0402
R138	Resistor	4K7	0402
R139	Resistor	4K7	0402
R14	Resistor	1M	0402
R142	Resistor	4K7	0402
R143	Resistor	4K7	0402
R144	Resistor	4K7	0402
R145	Resistor	4K7	0402
R146	Resistor	4K7	0402
R147	Resistor	4K7	0402
R148	Resistor	4K7	0402
R149	Resistor	4K7	0402
R15	Resistor	1M	0402
R150	Resistor	4K7	0603
R151	Resistor	3K3	0402
R152	Resistor	3K3	0402
R153	Resistor	120K	0402
R154	Resistor	3K3	0402
R155	Resistor	3K3	0402

R156	Resistor	3K3	0402
R157	Resistor	2K2	0402
R158	Resistor	3K3	0402
R16	Resistor	1M	0402
R162	Resistor	3K3	0402
R163	Resistor	56R	0402
R165	Resistor	5K6	0402
R166	Resistor	56K	0402
R167	Resistor	5K6	0402
R168	Resistor	100K	0402
R169	Resistor	100K	0402
R17	Resistor	1M	0402
R170	Resistor	100K	0402
R171	Resistor	100K	0402
R172	Resistor	100K	0402
R173	Resistor	100K	0402
R174	Resistor	100K	0402
R175		NC	0402
R176	Resistor	22K	0402
R177	Resistor	100K	0402
R178	Resistor	100K	0402
R179	Resistor	100K	0402
R18	Resistor	1M	0402
R180	Resistor	100K	0402
R181	Resistor	100K	0402
R182		NC	0402
R183	Resistor	100K	0402
R184	Resistor	100K	0402
R185	Resistor	100K	0402
R186	Resistor	0R	0402
R187	Resistor	100K	0402
R188	Resistor	100R	0402
R189	Resistor	100R	0402
R19	Resistor	1M	0402
R190	Resistor	100R	0402
R191	Resistor	100R	0402
R192	Resistor	100R	0402
R193	Resistor	100R	0402
R194	Resistor	100R	0402
R195	Resistor	100R	0402
R196	Resistor	100R	0402
R198	Resistor	330R	0402
R199	Resistor	330R	0402
R2	Resistor	0R	0603
R20	Resistor	1M	0402
R200	Resistor	330R	0402
R201	Resistor	330R	0402

R202	Resistor	330R	0402
R203	Resistor	30K	0402
R204	Resistor	30K	0402
R205	Resistor	47K	0402
R207	Resistor	1K	0402
R208	Resistor	1M8	0402
R209	Resistor	1M8	0402
R21	Resistor	270R	0603
R210	Resistor	33K	0402
R211	Resistor	33K	0402
R212	Resistor	33K	0402
R213	Resistor	33K	0402
R214	Resistor	33K	0402
R216	Resistor	33K	0402
R218	Resistor	22K	0402
R219	Resistor	22K	0402
R22	Resistor	270R	0603
R221	Resistor	22K	0402
R222	Resistor	22K	0402
R223	Resistor	22K	0402
R224	Resistor	22K	0402
R225		NC	0402
R226		NC	0402
R227		NC	0402
R228		NC	0402
R23	Resistor	270R	0603
R230		NC	0402
R231		NC	0402
R233	Resistor	6K8	0402
R235	Resistor	150K(F)	0402
R236	Resistor	150K(F)	0402
R239	Resistor	150K1%	0603
R24	Resistor	270R	0603
R240	Resistor	150K1%	0603
R241	Resistor	150K 1%	0603
R242	Resistor	150K1%	0603
R243	Resistor	150K1%	0603
R244	Resistor	150K1%	0603
R245	Resistor	1K5	0603
R246	Resistor	680K	0402
R247	Resistor	680K	0402
R248	Resistor	1K	0402
R249	Resistor	1K	0402
R25	Resistor	120K	0402
R250	Resistor	1K	0402
R251	Resistor	560R	0402
R252	Resistor	1K5	0402

R253	Resistor	1K	0402
R255	Resistor	1K	0402
R256	Resistor	1K	0402
R257	Resistor	1K	0402
R258	Resistor	47K	0402
R259	Resistor	1K	0402
R26	Resistor	47K	0402
R260	Resistor	1K	0402
R261	Resistor	1K	0402
R262	Resistor	1K	0402
R263	Resistor	1K	0402
R264	Resistor	1K	0402
R265	Resistor	1K	0402
R266	Resistor	18K	0402
R267	Resistor	18K	0402
R268	Resistor	1K8	0402
R269	Resistor	1K8	0402
R27	Resistor	47R	0402
R270	Resistor	1K8	0402
R271	Resistor	200K	0402
R272	Resistor	180K	0402
R275	Resistor	180K	0402
R276	Resistor	180K	0402
R277	Resistor	3K9	0402
R278	Resistor	3K9	0402
R279	Resistor	0R	0402
R28	Resistor	47R	0402
R280	Resistor	0R	0402
R281	Resistor	2K	0402
R282	Resistor	1K5	0402
R283	Resistor	2K7	0402
R284	Resistor	2K7	0402
R285	Resistor	2K7	0402
R286	Resistor	560R	0402
R287	Resistor	560R	0402
R288	Resistor	560R	0402
R289	Resistor	330R	0402
R29	Resistor	47R	0402
R290	Resistor	27R	0402
R291	Resistor	82K	0402
R293	Resistor	82K	0402
R294	Resistor	82K	0402
R295	Resistor	82K	0402
R296	Resistor	1K5	0402
R3	Resistor	0R	0603
R30	Resistor	47R	0402
R306	Resistor	22K	0402

R31	Resistor	47R	0402
R311	Resistor	47K	0402
R312	Resistor	150R	0402
R313	Resistor	150R	0402
R314	Resistor	150R	0402
R315	Resistor	56K	0402
R316	Resistor	56K	0402
R32	Resistor	47R	0402
R325	Resistor	3K	0402
R326	Resistor	15K	0402
R327	Resistor	470K	0402
R328	Resistor	470K	0402
R329	Resistor	5R6	0805
R33	Resistor	47R	0402
R331	Resistor	1K	0402
R333	Resistor	27K	0402
R334	Resistor	0.39R	1206
R335	Resistor	0.39R	1206
R336	Resistor	0.39R	1206
R339	Resistor	2R2	0805
R34	Resistor	47R	0402
R340	Resistor	0.5R	1206
R35	Resistor	47K	0402
R36	Resistor	82K	0402
R37	Resistor	47K	0402
R38	Resistor	47K	0402
R39	Resistor	1K5	0402
R4	Resistor	10K	0402
R40	Resistor	47K	0402
R41	Resistor	47K	0402
R42	Resistor	47K	0402
R43	Resistor	47K	0402
R44	Resistor	1K	0402
R45	Resistor	1K	0402
R46	Resistor	1K	0402
R5	Resistor	47R	0402
R54	Resistor	0R	0402
R58	Resistor	47K	0402
R59	Resistor	47K	0402
R6	Resistor	47P	0603
R60	Resistor	15K	0402
R67	Resistor	47K	0402
R69	Resistor	47K	0402
R7	Resistor	0R	0402
R70	Resistor	47K	0402
R71	Resistor	47K	0402
R72	Resistor	47K	0402

R76	Resistor	0R	0402
R79	Resistor	47K	0402
R8	Resistor	47K	0402
R80	Resistor	47K	0402
R81	Resistor	47K	0402
R82	Resistor	47K	0603
R83	Resistor	47K	0402
R84	Resistor	47K	0402
R85	Resistor	120K	0402
R86	Resistor	120K	0402
R87	Resistor	120K	0402
R88	Resistor	120K	0402
R89	Resistor	22R	0402
R9	Resistor	0R	0402
R90	Resistor	22R	0402
R91	Resistor	22R	0402
R92	Resistor	22R	0402
R93	Resistor	10R	0402
R94	Resistor	10R	0402
R95	Resistor	10R	0402
R96	Resistor	10R	0402
R97	Resistor	10R	0603
R98	Resistor	10R	0402
R99	Resistor	10R	0402
SW1	Tact Switch		
SW2	Tact Switch		
SW3	Tact Switch		
T1	Transistor	RQA0009	
T12	Transistor	DTC114EE	SOT-523F
T13	Transistor	2SC4617	SOT-523F
T14	Transistor	2SC4617	SOT-523F
T15		NC	SOT-323
T16	Transistor	2SC4617	SOT-523F
T18	Transistor	3SK318(YB-)	SOT-146
T19	Transistor	3SK318(YB-)	SOT-146
T2	Transistor	RQA0009	
T20	Transistor	3SK318(YB-)	SOT-146
T21	Transistor	3SK318(YB-)	SOT-146
T23	Transistor	DTC114EE	SOT-523F
T24	Transistor	DTC114EE	SOT-523F
T25	Transistor	DTC114EE	SOT-523F
T26	Transistor	DTC114EE	SOT-523F
T27	Transistor	DTC114EE	SOT-523F
T28	Transistor	DTC114EE	SOT-523F
T29	Transistor	DTC114EE	SOT-523F
T3	Transistor	2SK3078	SOT-89
T30	Transistor	DTC114EE	SOT-523F

T31	Transistor	DTC114EE	SOT-523F
T32		NC	SOT-89
T35	Transistor	2SC5066	SOT-523F
T36	Transistor	2SC5066	SOT-523F
T37	Transistor	DTA114EE	SOT-523F
T38	Transistor	DTA114EE	SOT-523F
T4	Transistor	2SK3078	SOT-89
T40	Transistor	2SB624(BV4)	SOT-23
T41	Transistor	2SK1588	SOT-89
T42	Transistor	DTA114EE	SOT-523F
T43	Transistor	2SB624(BV4)	SOT-23
T44	Transistor	DTC114EE	SOT-523F
T45	Transistor	2SK1588	SOT-89
T5	Transistor	2SC3357(RF)	SOT-89
T6	Transistor	2SC3357(RF)	SOT-89
T7	Transistor	2SC3356(R25)	SOT-23
T8	Transistor	2SC3356(R25)	SOT-23
T9		NC	SOT-89
U11	IC	LM4558	SOP8
U12	IC	FS8308	SSOP16-P-225-0.65B
U3	IC	TA31136F	SSOP16-P-225-0.65B
U5	IC	TA7368	SSOP10-P-225-1.0A
U7	IC	XC62FP5002PR(5A)	SOT-89
U8	IC	LM2904U	SSOP8
U9	IC	SL2010	SOP8
VR1	Trimming POT.	50K	
VR2	Trimming POT.	10K/KT	
VR3	Trimming POT.	10K/KT	
VR4	Variable Resistor	SW-VOL	
Y1	TCXO	13MHZ	