

Component Reference	Component	Component Description
C16	3101061010010	100pF
C18	3101061010010	100pF
C19	3101061010010	100pF
C20	3101061010010	100pF
C21	3101061010010	100pF
C22	3101061010010	100pF
C23	3101061010010	100pF
C24	3101061010010	100pF
C28	3101061010010	100pF
C29	3101061010010	100pF
C30	3101061010010	100pF
C31	3101061010010	100pF
C32	3101061010010	100pF
C35	3101061010010	100pF
C36	3101061010010	100pF
C37	3101061010010	100pF
C38	3101061010010	100pF
C39	3101061010010	100pF
C46	3101061010010	100pF
C47	3101061010010	100pF
C48	3101061010010	100pF
C50	3101061010010	100pF
C52	3101061010010	100pF
C53	3101061010010	100pF
C1	3101064710000	470pF
C11	3101064710000	470pF
C12	3101064710000	470pF
C2	3101064710000	470pF
C6	3101064710000	470pF
C7	3101064710000	470pF
C8	3101064710000	470pF
C9	3101064710000	470pF
C15	3101061040010	0.1uF
C17	3101061040010	0.1uF
C42	3101061040010	0.1uF
C43	3101061040010	0.1uF
C44	3101061040010	0.1uF
C49	3101061040010	0.1uF
C51	3101061040010	0.1uF
C13	3101061050000	1uF
C14	3101061050000	1uF
C26	3101061050000	1uF
C27	3101061050000	1uF
C25	3104082260060	22uF
R22	3001060000000	0Ω
R29	3001060000000	0Ω
R30	3001060000000	0Ω
R31	3001060000000	0Ω
R39	3001063300000	33Ω
R25	3001065100030	51Ω
R27	3001065100030	51Ω
R28	3001065100030	51Ω
R2	3001065610000	560Ω
R15	3001061020010	1kΩ
R16	3001061020010	1kΩ

R46	3001061020010	1kΩ
R47	3001061020010	1kΩ
R48	3001061020010	1kΩ
R14	3001061030010	10kΩ
R32	3001061030010	10kΩ
R33	3001061030010	10kΩ
R34	3001061030010	10kΩ
R35	3001061030010	10kΩ
R36	3001061030010	10kΩ
R37	3001061030010	10kΩ
R40	3001061030010	10kΩ
R41	3001061030010	10kΩ
R42	3001061030010	10kΩ
R43	3001061030010	10kΩ
R44	3001061030010	10kΩ
R45	3001061030010	10kΩ
R49	3001061030010	10kΩ
R50	3001061030010	10kΩ
R51	3001061030010	10kΩ
R17	3001061040010	100K
R23	3001065600000	56Ω
R24	3001065600000	56Ω
R26	3001065600000	56Ω
R1	3001063010010	30Ω
R10	3001063010010	30Ω
R11	3001063010010	30Ω
R13	3001063010010	30Ω
R3	3001063010010	30Ω
R4	3001063010010	30Ω
R5	3001063010010	30Ω
D10	3307110300000	DIODE,LED
D11	3307110300000	DIODE,LED
D12	3307110300000	DIODE,LED
D9	3307110300000	DIODE,LED
D13	3307110100080	DIODE,LED
D14	3307110100080	DIODE,LED
D15	3307110100080	DIODE,LED
D16	3307110100080	DIODE,LED
D17	3307110100080	DIODE,LED
D18	3307110100080	DIODE,LED
D21	3310240000000	ESD DIODE
D19	3310240200000	ESD DIODE
D20	3310240200000	ESD DIODE
D420	3310240200000	ESD DIODE
D22	3310990000090	ESD DIODE
D23	3310990000090	ESD DIODE
D24	3310990000090	ESD DIODE
Q12	3503020000030	N-MOSFET
Q13	3503020000030	N-MOSFET
Q1	3403008000010	TRANSISTOR
Q10	3403008000010	TRANSISTOR
Q11	3403008000010	TRANSISTOR
Q2	3403008000010	TRANSISTOR
Q3	3403008000010	TRANSISTOR
Q4	3403008000010	TRANSISTOR
Q5	3403008000010	TRANSISTOR

Q6	3403008000010	TRANSISTOR
Q7	3403008000010	TRANSISTOR
Q8	3403008000010	TRANSISTOR
Q9	3403008000010	TRANSISTOR
L1	3221506300000	FERRITE BEAD
L2	3221506300000	FERRITE BEAD
S1	4301050000000	switch
S2	4301050000000	switch
S3	4301050000000	switch
S4	4301050000000	switch
S5	4301050000000	switch
S6	4301050000000	switch
U1	3607010000400	logic ic
U5	3805000000030	EMI filter
U6	3805000000030	EMI filter
U7	3805000000030	EMI filter
U4	3608015000210	power ic
U8	3699037000010	USB IC
J2	5206040200010	FFC
R6	3001061510000	150Ω
R9	3001061510000	150Ω
R7	3001062010000	200Ω
R8	3001062010000	200Ω
C40	3101064740000	0.47uF
C41	3101064740000	0.47uF
J1	5206034200010	FPC
	41RD9801004D0	PCB

Component Reference Designator	Component	Component Description
R220	3001050000000	0Ω
R224	3001050000000	0Ω
R228	3001050000000	0Ω
R108	3001060000000	0Ω
R121	3001060000000	0Ω
R124	3001060000000	0Ω
R134	3001060000000	0Ω
R141	3001060000000	0Ω
R221	3001060000000	0Ω
R225	3001060000000	0Ω
R230	3001060000000	0Ω
L114	3001060000000	0Ω
R146	3001060000000	0Ω
R227	3001060000000	0Ω
R237	3001060000000	0Ω
R239	3001060000000	0Ω
R261	3001060000000	0Ω
R202	3001051000000	10Ω
R209	3001051000000	10Ω
R238	3001051000000	10Ω
R222	3001061000000	10Ω
R145	3001061800000	18Ω
R218	3001062200000	22Ω
R123	3001062700000	27Ω
R127	3001064700000	47Ω
R214	3001055100020	51Ω
R215	3001055100020	51Ω
R216	3001055100020	51Ω
R217	3001066800000	68Ω
R142	3001068200000	82Ω
R143	3001068200000	82Ω
R132	3001068200000	82Ω
R140	3001068200000	82Ω
R204	3001051010000	100Ω
R206	3001051010000	100Ω
R106	3001061010000	100Ω
R133	3001061010000	100Ω
R242	3001061010000	100Ω
R244	3001061010000	100Ω
R245	3001061010000	100Ω
R249	3001061010000	100Ω
R250	3001061010000	100Ω
R251	3001061010000	100Ω
R252	3001061010000	100Ω

R253	3001061010000	100Ω
R254	3001061010000	100Ω
R256	3001061010000	100Ω
R258	3001061010000	100Ω
R259	3001061010000	100Ω
R112	3001061210000	120Ω
R135	3001061210000	120Ω
R107	3001061510000	150Ω
R110	3001061510000	150Ω
R136	3001061510000	150Ω
R219	3001061510000	150Ω
R129	3001062210000	220Ω
R128	3001062210000	220Ω
R201	3001051020000	1KΩ
R210	3001051020000	1KΩ
R213	3001051020000	1KΩ
R223	3001051020000	1KΩ
R241	3001051020000	1KΩ
R246	3001061020010	1KΩ
R266	3001061020010	1KΩ
R264	3001061020010	1KΩ
R248	3001061520000	1.5KΩ
R101	3001063320000	3.3KΩ
R114	3001063320000	3.3KΩ
R117	3001063320000	3.3KΩ
R125	3001063320000	3.3KΩ
R137	3001063320000	3.3KΩ
R104	3001054720000	4.7KΩ
R205	3001054720000	4.7KΩ
R262	3001064720000	4.7KΩ
R268	3001065120000	5.1KΩ
R267	3001065120000	5.1KΩ
R265	3001065120000	5.1KΩ
R263	3001065620000	5.6KΩ
R130	3001066820000	6.8KΩ
R144	3001066820000	6.8KΩ
R105	3001068220000	8.2KΩ
R126	3001068220000	8.2KΩ
R131	3001068220000	8.2KΩ
R207	3001051030000	10KΩ
R226	3001051030000	10KΩ
R235	3001051030000	10KΩ
R260	3001061030010	10KΩ
R118	3001061530010	15KΩ
R120	3001061530010	15KΩ

R139	3001061530010	15KΩ
R119	3001063930010	39KΩ
R229	3001054730010	47KΩ
R233	3001054730010	47KΩ
R247	3001064730000	47KΩ
R255	3001064730000	47KΩ
R138	3001064730000	47KΩ
R115	3001068230010	82KΩ
R102	3001051040000	100KΩ
R103	3001051040000	100KΩ
R116	3001061040000	100KΩ
R271	3001061040000	100KΩ
R243	3001061540010	150KΩ
R236	3001066840000	680KΩ
C115	3101060100010	1PF
C154	3101060100010	1PF
C167	3101060200010	2PF
C169	3101060200010	2PF
C300	3101052490010	2.4PF
C159	3101060300010	3PF
C131	3101060300010	3PF
C133	3101060400010	4PF
C151	3101060400010	4PF
C206	3101054790040	4.7PF
C173	3101054790040	4.7PF
C301	3101054790040	4.7PF
C153	3101064790010	4.7PF
C118	3101060500010	5PF
C168	3101060500010	5PF
C135	3101060500010	5PF
C164	3101060500010	5PF
C165	3101060600010	6PF
C101	3101060600010	6PF
C114	3101060600010	6PF
C125	3101060600010	6PF
C163	3101060600010	6PF
C152	3101060700020	7PF
C309	3101060700020	7PF
C254	3101060800010	8PF
C140	3101060900010	9PF
C229	3101061000000	10PF
C239	3101061000000	10PF
C240	3101061000000	10PF
C166	3101061200000	12PF
C112	3101061200000	12PF

C208	3101051500020	15PF
C141	3101062200010	22PF
C129	3101062200010	22PF
C150	3101061800000	18PF
C128	3101061800000	18PF
C130	3101061800000	18PF
C111	3101062400010	24PF
C215	3101062700010	27PF
C210	3101062700010	27PF
C307	3101063300000	33PF
C120	3101064700000	47PF
C160	3101064700000	47PF
C113	3101065600000	56PF
C156	3101065600000	56PF
C212	3101051010030	100PF
C213	3101051010030	100PF
C221	3101051010030	100PF
C222	3101051010030	100PF
C225	3101051010030	100PF
C281	3101061010010	100PF
C282	3101061010010	100PF
C285	3101061010010	100PF
C288	3101061010010	100PF
C289	3101061010010	100PF
C296	3101061010010	100PF
C297	3101061010010	100PF
C298	3101061010010	100PF
C299	3101061010010	100PF
C116	3101061510000	150PF
C157	3101061510000	150PF
C252	3101062210000	220PF
C251	3101062210000	220PF
C306	3101062210000	220PF
C102	3101054710010	470PF
C103	3101054710010	470PF
C104	3101054710010	470PF
C278	3101054710010	470PF
C283	3101054710010	470PF
C121	3101064710000	470PF
C123	3101064710000	470PF
C161	3101064710000	470PF
C171	3101064710000	470PF
C262	3101064710000	470PF
C201	3101051020010	1000PF
C217	3101051020010	1000PF

C219	3101051020010	1000PF
C232	3101051020010	1000PF
C236	3101051020010	1000PF
C245	3101051020010	1000PF
C250	3101051020010	1000PF
C241	3101051020010	1000PF
C246	3101051020010	1000PF
C127	3101061020000	1000PF
C264	3101061020000	1000PF
C271	3101061020000	1000PF
C275	3101061020000	1000PF
C255	3101061020000	1000PF
C256	3101061020000	1000PF
C257	3101061020000	1000PF
C258	3101061020000	1000PF
C265	3101061020000	1000PF
C266	3101061020000	1000PF
C268	3101061020000	1000PF
C272	3101061020000	1000PF
C279	3101061020000	1000PF
C286	3101061020000	1000PF
C290	3101061020000	1000PF
C291	3101061020000	1000PF
C292	3101061020000	1000PF
C293	3101061020000	1000PF
C294	3101061020000	1000PF
C302	3101061020000	1000PF
C303	3101061020000	1000PF
C304	3101061020000	1000PF
C305	3101061020000	1000PF
C216	3101051520000	1500PF
C203	3101051520000	1500PF
C228	3101051520000	1500PF
C117	3101061520010	1500PF
C158	3101061520010	1500PF
C110	3101061520010	1500PF
C148	3101061520010	1500PF
C105	3101061520010	1500PF
C138	3101061520010	1500PF
C108	3101061520010	1500PF
C146	3101061520010	1500PF
C274	3101061520010	1500PF
C209	3101051030020	0.01UF
C223	3101061230000	0.012UF
C224	3101062730000	0.027UF

C227	3101066830000	0.068UF
C207	3101051040010	0.1UF
C211	3101051040010	0.1UF
C214	3101051040010	0.1UF
C220	3101051040010	0.1UF
C231	3101051040010	0.1UF
C234	3101051040010	0.1UF
C243	3101051040010	0.1UF
C248	3101051040010	0.1UF
C267	3101051040010	0.1UF
C242	3101051040010	0.1UF
C247	3101051040010	0.1UF
C284	3101051040010	0.1UF
C106	3101061040020	0.1UF
C109	3101061040020	0.1UF
C174	3101061040020	0.1UF
C122	3101061040020	0.1UF
C124	3101061040020	0.1UF
C126	3101061040020	0.1UF
C139	3101061040020	0.1UF
C147	3101061040020	0.1UF
C162	3101061040020	0.1UF
C172	3101061040020	0.1UF
C260	3101061040020	0.1UF
C261	3101061040020	0.1UF
C270	3101061040020	0.1UF
C276	3101061040020	0.1UF
C226	3101061040020	0.1UF
C295	3101061040020	0.1UF
C308	3101061040020	0.1UF
C311	3101061040020	0.1UF
C204	3101051050160	1uF
C269	3101061050000	1uF
C287	3101061050000	1uF
C233	3101071050020	1uF
C132	3101074750000	4.7uF
C107	3104074750070	4.7uF
C273	3104074750070	4.7uF
C259	3104086850030	6.8uF
C230	3104071060070	10uF
C263	3104081060120	10uF
C277	3104081060120	10uF
C312	3104081060120	10uF
C313	3217106479000	4.7nH
C314	3217106479000	4.7nH

C315	3217106479000	4.7nH
C316	3217106479000	4.7nH
L220	3215006100010	10nH
L221	3215006100010	10nH
R148	3210306220000	22nH
R149	3210306220000	22nH
L113	3217106470000	47nH
L124	3217106470000	47nH
L125	3217106470000	47nH
L219	3210306560000	56nH
L222	3210306560000	56nH
L204	3210306101000	100nH
L108	3217107121000	120nH
L120	3217107121000	120nH
L111	3212106221000	220nH
L112	3212106221000	220nH
L123	3212106221000	220nH
L210	3217607391000	390nH
L101	3217607681000	680nH
L118	3217607681000	680nH
L105	3217607681000	680nH
L104	3217607681000	680nH
L109	3217607681000	680nH
L115	3217607681000	680nH
L117	3217607681000	680nH
L121	3217607681000	680nH
L207	3213306561000	0.56uH
L102	3221506601000	FERRITE BEAD
L103	3221506601000	FERRITE BEAD
L107	3221506601000	FERRITE BEAD
L110	3221506601000	FERRITE BEAD
L122	3221506601000	FERRITE BEAD
L127	3221506601000	FERRITE BEAD
L201	3221506601000	FERRITE BEAD
L202	3221506601000	FERRITE BEAD
L203	3221506601000	FERRITE BEAD
L205	3221506601000	FERRITE BEAD
L206	3221506601000	FERRITE BEAD
L208	3221506601000	FERRITE BEAD
L209	3221506601000	FERRITE BEAD
L211	3221506601000	FERRITE BEAD
L212	3221506601000	FERRITE BEAD
L213	3221506601000	FERRITE BEAD
L214	3221506601000	FERRITE BEAD
L215	3221506601000	FERRITE BEAD

L216	3221506601000	FERRITE BEAD
L217	3221506601000	FERRITE BEAD
L218	3221506601000	FERRITE BEAD
L106	3211256000000	56nH
L119	3211256000000	56nH
D101	3304060300050	DIODE
D103	3304060300050	DIODE
D104	3304060300050	DIODE
D105	3304060300050	DIODE
D107	3304060300050	DIODE
D108	3304060300050	DIODE
D109	3304060300050	DIODE
D110	3304060300050	DIODE
D102	3303240000000	DIODE
D202	3303240000000	DIODE
D112	3304010100890	DIODE
Q101	3408002000080	NPN TRANSISTOR
Q107	3408002000080	NPN TRANSISTOR
Q105	3404006000000	NPN TRANSISTOR
Q106	3404006000000	NPN TRANSISTOR
Q108	3404999000000	NPN TRANSISTOR
Q103	3499000000150	TRANSISTOR
Q104	3403003000060	NPN TRANSISTOR
Q202	3403002000000	PNP TRANSISTOR
Q203	3403008000010	TRANSISTOR
Q102	3503010000010	P-MOSFET
U202	3604019000000	PLL IC
U203	3616010000000	SWITCH IC
U204	3616010000000	SWITCH IC
U205	3616059000000	SWITCH IC
U207	3608006000000	POWER IC
U208	3608020000000	POWER IC
U209	3605002057090	Amplifier
U210	3605002054590	Amplifier
X201	3701019250060	CRYSTAL 19.2MHz

Component Reference Designator	Component	Component Description
C501	3001050000000	0Ω
R160	3001050000000	0Ω
R166	3001050000000	0Ω
R167	3001050000000	0Ω
R168	3001050000000	0Ω
R501	3001050000000	0Ω
R510	3001050000000	0Ω
R513	3001050000000	0Ω
R515	3001050000000	0Ω
R516	3001050000000	0Ω
R129	3001051000000	10Ω
R133	3001051000000	10Ω
R130	3001051010000	100Ω
R132	3001051010000	100Ω
R136	3001051020000	1KΩ
R145	3001051020000	1KΩ
R150	3001051020000	1KΩ
R154	3001051020000	1KΩ
R158	3001051020000	1KΩ
R161	3001051020000	1KΩ
R134	3001051030000	10KΩ
R141	3001051030000	10KΩ
R144	3001051030000	10KΩ
R147	3001051030000	10KΩ
R505	3001051030000	10KΩ
R152	3001051040000	100KΩ
R504	3001051040000	100KΩ
R514	3001051040000	100KΩ
R509	3001051820000	1.8KΩ
R518	3001051820000	1.8KΩ
R151	3001051840000	180KΩ
R111	3001052220000	2.2KΩ
R506	3001053310000	330Ω
R512	3001053910010	390Ω
R507	3001054720000	4.7KΩ
R149	3001054730000	47KΩ
R153	3001054730000	47KΩ
R135	3001055100020	51Ω
R137	3001055100020	51Ω
R140	3001055100020	51Ω
R503	3001055100020	51Ω
R520	3001055110000	510Ω
R508	3001055610000	560Ω
R519	3001055620000	5.6KΩ

R148	3001056840000	680K Ω
R511	3001058220000	8.2K Ω
C432	3001060000000	0 Ω
C445	3001060000000	0 Ω
C449	3001060000000	0 Ω
L116	3001060000000	0 Ω
L405	3001060000000	0 Ω
L412	3001060000000	0 Ω
L423	3001060000000	0 Ω
L433	3001060000000	0 Ω
L519	3001060000000	0 Ω
L612	3001060000000	0 Ω
R119	3001060000000	0 Ω
R121	3001060000000	0 Ω
R139	3001060000000	0 Ω
R409	3001060000000	0 Ω
R419	3001060000000	0 Ω
R420	3001060000000	0 Ω
R453	3001060000000	0 Ω
R521	3001060000000	0 Ω
R609	3001060000000	0 Ω
R615	3001060000000	0 Ω
R619	3001060000000	0 Ω
R622	3001060000000	0 Ω
R623	3001060000000	0 Ω
R107	3001061000000	10 Ω
R109	3001061000000	10 Ω
R436	3001061000000	10 Ω
R106	3001061010000	100 Ω
R117	3001061010000	100 Ω
R142	3001061010000	100 Ω
R608	3001061010000	100 Ω
R610	3001061010000	100 Ω
R614	3001061010000	100 Ω
R618	3001061010000	100 Ω
R626	3001061010000	100 Ω
R627	3001061010000	100 Ω
R632	3001061010000	100 Ω
R633	3001061010000	100 Ω
R607	3001061020010	1K Ω
R613	3001061020010	1K Ω
R616	3001061020010	1K Ω
R620	3001061020010	1K Ω
R624	3001061020010	1K Ω
R625	3001061020010	1K Ω

R628	3001061020010	1K Ω
R404	3001061030010	10K Ω
R102	3001061040010	100K Ω
R104	3001061040010	100K Ω
R405	3001061040010	100K Ω
R406	3001061040010	100K Ω
R407	3001061040010	100K Ω
R410	3001061040010	100K Ω
R417	3001061040010	100K Ω
R418	3001061040010	100K Ω
R423	3001061040010	100K Ω
R427	3001061040010	100K Ω
R459	3001061040010	100K Ω
R460	3001061040010	100K Ω
R462	3001061040010	100K Ω
R463	3001061040010	100K Ω
R437	3001061210000	120 Ω
R438	3001061210000	120 Ω
R425	3001061220000	1.2K Ω
R430	3001061220000	1.2K Ω
R143	3001061500000	15 Ω
R108	3001061510000	150 Ω
R128	3001061510000	150 Ω
R612	3001061520000	1.5K Ω
R617	3001061520000	1.5K Ω
R114	3001061530010	15K Ω
R115	3001061530010	15K Ω
R450	3001062030000	20K Ω
R122	3001062210000	220 Ω
R123	3001062210000	220 Ω
R118	3001062700000	27 Ω
R461	3001062710000	270 Ω
R448	3001063030000	30K Ω
R451	3001063030000	30K Ω
R125	3001063300000	33 Ω
R439	3001063310010	330 Ω
R445	3001063310010	330 Ω
R101	3001063320000	3.3K Ω
R110	3001063320000	3.3K Ω
R112	3001063320000	3.3K Ω
R113	3001063320000	3.3K Ω
R426	3001063620000	3.6K Ω
R431	3001063900000	39 Ω
R103	3001064720000	4.7K Ω
R447	3001064720000	4.7K Ω

R606	3001064730000	47KΩ
R611	3001064730000	47KΩ
R621	3001064730000	47KΩ
R629	3001064730000	47KΩ
R630	3001064730000	47KΩ
R631	3001064730000	47KΩ
R635	3001064730000	47KΩ
R446	3001065100000	51Ω
R449	3001065100000	51Ω
R444	3001065120000	5.1KΩ
R452	3001065630000	56KΩ
R429	3001065690000	5.6Ω
R441	3001065690000	5.6Ω
R127	3001066800000	68Ω
R138	3001066800000	68Ω
R126	3001066820000	6.8KΩ
R434	3001068210010	820Ω
R435	3001068210010	820Ω
R440	3001068210010	820Ω
R442	3001068210010	820Ω
R443	3001068210010	820Ω
R105	3001068220000	8.2KΩ
R116	3001068220000	8.2KΩ
R124	3001068220000	8.2KΩ
R411	3001071010000	100Ω
R424	3001071010000	100Ω
R428	3001071010000	100Ω
R468	3001071010000	100Ω
C202	3101050300000	3PF
C508	3101050300000	3PF
C526	3101050500010	5PF
C182	3101051000020	10PF
C183	3101051000020	10PF
C157	3101051010030	100PF
C159	3101051010030	100PF
C164	3101051010030	100PF
C171	3101051010030	100PF
C172	3101051010030	100PF
C173	3101051010030	100PF
C175	3101051010030	100PF
C528	3101051010030	100PF
C529	3101051010030	100PF
C538	3101051010030	100PF
C539	3101051010030	100PF
C162	3101051020010	1000PF

C163	3101051020010	1000PF
C168	3101051020010	1000PF
C185	3101051020010	1000PF
C195	3101051020010	1000PF
C196	3101051020010	1000PF
C515	3101051020010	1000PF
C525	3101051020010	1000PF
C531	3101051020010	1000PF
C155	3101051030020	0.01UF
C504	3101051030020	0.01UF
C519	3101051030020	0.01UF
C535	3101051030020	0.01UF
C121	3101051040010	0.1UF
C556	3101051040010	0.1UF
C152	3101051040060	0.1UF
C153	3101051040060	0.1UF
C156	3101051040060	0.1UF
C158	3101051040060	0.1UF
C169	3101051040060	0.1UF
C179	3101051040060	0.1UF
C180	3101051040060	0.1UF
C181	3101051040060	0.1UF
C184	3101051040060	0.1UF
C194	3101051040060	0.1UF
C505	3101051040060	0.1UF
C506	3101051040060	0.1UF
C510	3101051040060	0.1UF
C511	3101051040060	0.1UF
C514	3101051040060	0.1UF
C516	3101051040060	0.1UF
C533	3101051040060	0.1UF
C534	3101051040060	0.1UF
C536	3101051040060	0.1UF
C537	3101051040060	0.1UF
C540	3101051040060	0.1UF
C541	3101051040060	0.1UF
C546	3101051040060	0.1UF
C547	3101051040060	0.1UF
C543	3101051050160	1uF
C550	3101051050160	1uF
C151	3101051520000	1500PF
C518	3101051810020	180PF
C542	3101052200010	22PF
C503	3101052210020	220PF
C517	3101052230000	0.022UF

C530	3101052700000	27PF
C527	3101053900000	39PF
C523	3101054700010	47PF
C524	3101054700010	47PF
C507	3101054710010	470PF
C513	3101054710010	470PF
C521	3101054710010	470PF
C549	3101054710010	470PF
C532	3101055600000	56PF
C545	3101055600000	56PF
C138	3101060200010	2PF
C438	3101060200010	2PF
C440	3101060200010	2PF
C142	3101060300010	3PF
C200	3101060300010	3PF
C128	3101060500010	5PF
C133	3101060500010	5PF
C139	3101060500010	5PF
C143	3101060500010	5PF
C146	3101060500010	5PF
C149	3101060500010	5PF
C116	3101060600010	6PF
C120	3101060600010	6PF
C135	3101060600010	6PF
C463	3101060600010	6PF
C205	3101060700020	7PF
C132	3101060800010	8PF
C469	3101060800010	8PF
C478	3101060800010	8PF
C484	3101060800010	8PF
C495	3101060800010	8PF
C429	3101060900010	9PF
C439	3101060900010	9PF
C140	3101061000000	10PF
C472	3101061000000	10PF
C424	3101061010010	100PF
C425	3101061010010	100PF
C486	3101061010010	100PF
C488	3101061010010	100PF
C627	3101061010010	100PF
C628	3101061010010	100PF
C631	3101061010010	100PF
C632	3101061010010	100PF
C637	3101061010010	100PF
C638	3101061010010	100PF

C639	3101061010010	100PF
C640	3101061010010	100PF
C651	3101061010010	100PF
C652	3101061010010	100PF
C653	3101061010010	100PF
C654	3101061010010	100PF
C679	3101061010010	100PF
C680	3101061010010	100PF
C681	3101061010010	100PF
C682	3101061010010	100PF
C407	3101061020000	1000PF
C408	3101061020000	1000PF
C464	3101061020000	1000PF
C485	3101061020000	1000PF
C496	3101061020000	1000PF
C602	3101061020000	1000PF
C603	3101061020000	1000PF
C605	3101061020000	1000PF
C614	3101061020000	1000PF
C615	3101061020000	1000PF
C617	3101061020000	1000PF
C625	3101061020000	1000PF
C626	3101061020000	1000PF
C633	3101061020000	1000PF
C635	3101061020000	1000PF
C636	3101061020000	1000PF
C641	3101061020000	1000PF
C642	3101061020000	1000PF
C643	3101061020000	1000PF
C644	3101061020000	1000PF
C647	3101061020000	1000PF
C650	3101061020000	1000PF
C655	3101061020000	1000PF
C656	3101061020000	1000PF
C660	3101061020000	1000PF
C661	3101061020000	1000PF
C663	3101061020000	1000PF
C666	3101061020000	1000PF
C668	3101061020000	1000PF
C669	3101061020000	1000PF
C671	3101061020000	1000PF
C672	3101061020000	1000PF
C674	3101061020000	1000PF
C675	3101061020000	1000PF
C677	3101061020000	1000PF

C678	3101061020000	1000PF
C683	3101061020000	1000PF
C684	3101061020000	1000PF
C685	3101061020000	1000PF
C405	3101061030010	0.01UF
C457	3101061030010	0.01UF
C102	3101061040010	0.1UF
C104	3101061040010	0.1UF
C107	3101061040010	0.1UF
C123	3101061040010	0.1UF
C126	3101061040010	0.1UF
C129	3101061040010	0.1UF
C165	3101061040010	0.1UF
C190	3101061040010	0.1UF
C197	3101061040010	0.1UF
C198	3101061040010	0.1UF
C401	3101061040010	0.1UF
C409	3101061040010	0.1UF
C411	3101061040010	0.1UF
C467	3101061040010	0.1UF
C468	3101061040010	0.1UF
C473	3101061040010	0.1UF
C474	3101061040010	0.1UF
C475	3101061040010	0.1UF
C482	3101061040010	0.1UF
C483	3101061040010	0.1UF
C604	3101061040010	0.1UF
C606	3101061040010	0.1UF
C618	3101061040010	0.1UF
C623	3101061040010	0.1UF
C648	3101061040010	0.1UF
C658	3101061040010	0.1UF
C659	3101061040010	0.1UF
C667	3101061040010	0.1UF
C673	3101061040010	0.1UF
L424	3101061040010	0.1UF
C601	3101061050020	1UF
C613	3101061050020	1UF
C616	3101061050020	1UF
C634	3101061050020	1UF
C645	3101061050020	1UF
C646	3101061050020	1UF
C649	3101061050020	1UF
C657	3101061050020	1UF
C662	3101061050020	1UF

C670	3101061050020	1UF
C676	3101061050020	1UF
R458	3101061200000	12PF
C118	3101061210000	120PF
C170	3101061230000	0.012UF
C113	3101061500010	15PF
C199	3101061500010	15PF
C430	3101061500010	15PF
C433	3101061500010	15PF
C470	3101061500010	15PF
C101	3101061520010	1500PF
C108	3101061520010	1500PF
C109	3101061520010	1500PF
C117	3101061520010	1500PF
C122	3101061520010	1500PF
C125	3101061520010	1500PF
C130	3101061520010	1500PF
C131	3101061520010	1500PF
C148	3101061520010	1500PF
C154	3101061590010	1.5PF
C460	3101061590010	1.5PF
C465	3101061600000	16PF
C431	3101061800000	18PF
C441	3101061800000	18PF
C471	3101061800000	18PF
C476	3101061800000	18PF
C487	3101061800000	18PF
C160	3101062000000	20PF
C161	3101062000000	20PF
C494	3101062000000	20PF
C134	3101062200010	22PF
C402	3101062210000	220PF
C410	3101062210000	220PF
C412	3101062210000	220PF
C466	3101062210000	220PF
C166	3101062240000	0.22UF
C451	3101062240000	0.22UF
C522	3101062240000	0.22UF
C111	3101062400010	24PF
C136	3101062400010	24PF
C481	3101062400010	24PF
C127	3101062700010	27PF
L430	3101062700010	27PF
C493	3101062710000	270PF
C428	3101063000010	30PF

C447	3101063000010	30PF
C119	3101063300000	33PF
C137	3101063300000	33PF
C150	3101063300000	33PF
C112	3101063690000	3.6PF
C115	3101063690000	3.6PF
C204	3101063690000	3.6PF
C114	3101063900000	39PF
C144	3101063900000	39PF
C461	3101064590010	4.5PF
C442	3101064700000	47PF
C443	3101064700000	47PF
C103	3101064710000	470PF
C105	3101064710000	470PF
C106	3101064710000	470PF
C456	3101064710000	470PF
C458	3101064710000	470PF
C147	3101068200000	82PF
C176	3101071050160	1UF
C189	3101074740000	0.47UF
C664	3101081060010	10UF
C665	3101081060010	10UF
C548	3104071050070	1UF
C178	3104071060070	10UF
C520	3104071060070	10UF
C110	3104074750070	4.7UF
L130	3210306390000	39nH
L133	3210306390000	39nH
L427	3210306470000	47nH
L132	3210306820000	82nH
L404	3210306820000	82nH
L517	3210406331000	330nH
C479	3210406471000	470nH
L425	3210406471000	470nH
L112	3212106221000	220nH
L124	3212106689000	6.8nH
L131	3212106689000	6.8nH
L429	3212206181000	180nH
L403	3213209151000	150nH
L610	3213209471000	470nH
L505	3213212103000	10uH
L506	3213212103000	10uH
L516	3213212332000	3.3uH
L511	3213306102000	1uH
L128	3213306561000	0.56uH

R517	3213306561000	0.56uH
L518	3213306682000	6.8uH
L426	3213306821000	0.82uH
L110	3217106181010	180nH
L113	3217106470000	47nH
L418	3217106470000	47nH
L419	3217106470000	47nH
L420	3217106470000	47nH
L421	3217106470000	47nH
L406	3217107470010	47nH
L407	3217107470010	47nH
L408	3217107470010	47nH
L431	3217107470010	47nH
L432	3217107470010	47nH
L107	3217607680000	68nH
L119	3217607680000	68nH
L101	3217607681000	680nH
L104	3217607681000	680nH
L105	3217607681000	680nH
L109	3217607681000	680nH
L111	3217607681000	680nH
L114	3217607681000	680nH
L118	3217607681000	680nH
L120	3217607681000	680nH
L102	3221506601000	FERRITE BEAD
L103	3221506601000	FERRITE BEAD
L108	3221506601000	FERRITE BEAD
L121	3221506601000	FERRITE BEAD
L122	3221506601000	FERRITE BEAD
L123	3221506601000	FERRITE BEAD
L125	3221506601000	FERRITE BEAD
L126	3221506601000	FERRITE BEAD
L127	3221506601000	FERRITE BEAD
L401	3221506601000	FERRITE BEAD
L402	3221506601000	FERRITE BEAD
L417	3221506601000	FERRITE BEAD
L422	3221506601000	FERRITE BEAD
L501	3221506601000	FERRITE BEAD
L502	3221506601000	FERRITE BEAD
L503	3221506601000	FERRITE BEAD
L504	3221506601000	FERRITE BEAD
L508	3221506601000	FERRITE BEAD
L509	3221506601000	FERRITE BEAD
L510	3221506601000	FERRITE BEAD
L512	3221506601000	FERRITE BEAD

L514	3221506601000	FERRITE BEAD
L515	3221506601000	FERRITE BEAD
L601	3221506601000	FERRITE BEAD
L602	3221506601000	FERRITE BEAD
L603	3221506601000	FERRITE BEAD
L604	3221506601000	FERRITE BEAD
L605	3221506601000	FERRITE BEAD
L606	3221506601000	FERRITE BEAD
L607	3221506601000	FERRITE BEAD
L608	3221506601000	FERRITE BEAD
L609	3221506601000	FERRITE BEAD
L611	3221506601000	FERRITE BEAD
L414	3233099185900	18.5nH
L415	3233099185900	18.5nH
l435	3233099185900	18.5nH
l436	3233099185900	18.5nH
L117	3237110220000	22nH
L106	3237110270000	27nH
L507	3297107391000	390nH
D102	3303240000000	DIODE
D110	3303240000000	DIODE
D501	3303240000000	DIODE
D502	3304010100220	DIODE
D424	3304010100390	DIODE
D426	3304010100390	DIODE
D427	3304010100390	DIODE
D430	3304010100390	DIODE
D503	3304060300010	DIODE
D101	3304060300050	DIODE
D103	3304060300050	DIODE
D104	3304060300050	DIODE
D105	3304060300050	DIODE
D106	3304060300050	DIODE
D107	3304060300050	DIODE
D108	3304060300050	DIODE
D109	3304060300050	DIODE
D404	3399990000260	DIODE
D408	3399990000260	DIODE
Q601	3403002000000	PNP TRANSISTOR
Q604	3403002000000	PNP TRANSISTOR
Q104	3403003000060	NPN TRANSISTOR
Q502	3403003000060	NPN TRANSISTOR
Q602	3403008000010	TRANSISTOR
Q603	3403008000010	TRANSISTOR
Q105	3404006000000	NPN TRANSISTOR

Q106	3404006000000	NPN TRANSISTOR
Q402	3404006000000	NPN TRANSISTOR
Q403	3404006000000	NPN TRANSISTOR
Q401	3404999000000	NPN TRANSISTOR
Q503	3408002000000	NPN TRANSISTOR
Q101	3408002000080	NPN TRANSISTOR
Q107	3408002000080	NPN TRANSISTOR
Q103	3499000000150	PNP+NPN TRANSISTOR
Q102	3503010000010	P-MOSFET
U402	3601039000060	LNA
U501	3603999000000	IF PROCESS IC
U101	3604019000000	PLL IC
U106	3605002057090	Amplifier
U401	3605008001690	Amplifier
U601	3608006000000	POWER IC
U604	3608006000000	POWER IC
U605	3608006000000	POWER IC
U602	3608020000000	POWER IC
U603	3608020000000	POWER IC
U606	3608020000000	POWER IC
U403	3609014000010	MIXER
U105	3616010000000	SWITCH IC
U103	3616059000000	SWITCH IC
X101	3701019250030	CRYSTAL 19.2MHz
Z401	3802448540040	CRYSTAL FILTER

Component Reference Designator	Component	Component Description
R436	3001060000000	0 Ω
R438	3001060000000	0 Ω
R440	3001060000000	0 Ω
R452	3001060000000	0 Ω
R459	3001060000000	0 Ω
R461	3001060000000	0 Ω
R478	3001060000000	0 Ω
R480	3001060000000	0 Ω
R486	3001060000000	0 Ω
R487	3001060000000	0 Ω
R496	3001060000000	0 Ω
R526	3001060000000	0 Ω
R537	3001060000000	0 Ω
R406	3001061010000	100 Ω
R513	3001061010000	100 Ω
R519	3001061010000	100 Ω
R520	3001061010000	100 Ω
R465	3001061020000	1K Ω
R408	3001061030000	10K Ω
R52	3001061030000	10K Ω
R532	3001061030000	10K Ω
R534	3001061030000	10K Ω
R434	3001061220000	1.2K Ω
R457	3001061220000	1.2K Ω
R521	3001061220000	1.2K Ω
C571	3001062020030	2K Ω
R484	3001062020030	2K Ω
R479	3001062220000	2.2K Ω
R517	3001062240000	220K Ω
R533	3001062240000	220K Ω
R481	3001062720030	2.7K Ω
R437	3001063310000	330 Ω
R460	3001063310000	330 Ω
R535	3001063320000	3.3K Ω
R538	3001063320000	3.3K Ω
R61	3001063620000	3.6K Ω
R454	3001063930000	39K Ω
R455	3001064730000	47K Ω
R485	3001064730000	47K Ω
RT401	3001064730000	47K Ω
R450	3001064740000	470K Ω
R522	3001064740000	470K Ω
R523	3001064740000	470K Ω
R524	3001064740000	470K Ω
R525	3001064740000	470K Ω
R407	3001065130000	51K Ω

R449	3001065620000	5. 6K Ω
R409	3001065620010	5. 6K Ω
R439	3001066810010	680 Ω
R495	3001066820000	6. 8K Ω
R435	3001068220000	8. 2K Ω
R458	3001068220000	8. 2K Ω
R442	3001070000000	0 Ω
R462	3001070000000	0 Ω
R464	3001070000000	0 Ω
R466	3001070000000	0 Ω
R477	3001070000000	0 Ω
R482	3001070000000	0 Ω
R492	3001070000000	0 Ω
R505	3001070000000	0 Ω
C420	3001071000000	10 Ω
R414	3001071000000	10 Ω
R415	3001071000000	10 Ω
R432	3001071000000	10 Ω
R441	3001071000000	10 Ω
R472	3001071000000	10 Ω
R473	3001071000000	10 Ω
R503	3001071000000	10 Ω
R504	3001071000000	10 Ω
R410	3001071030000	10K Ω
R483	3001071040010	100K Ω
R501	3001071040010	100K Ω
C405	3001071200000	12 Ω
R401	3001071200000	12 Ω
R404	3001071200000	12 Ω
R500	3001071230010	12K Ω
R402	3001073910000	390 Ω
R403	3001073910000	390 Ω
R411	3001074700000	47 Ω
R498	3001085100000	51 Ω
R499	3001085100000	51 Ω
R489	3001074720010	4. 7K Ω
R490	3001074720010	4. 7K Ω
R446	3001075100000	51 Ω
R445	3001076810000	680 Ω
R471	3001076810000	680 Ω
R467	3001080190000	0. 1 Ω
R468	3001080190000	0. 1 Ω
R469	3001080190000	0. 1 Ω
R470	3001080190000	0. 1 Ω
R425	3001081010000	100 Ω
R429	3001081010000	100 Ω
R426	3001081210000	120 Ω

R430	3001081210000	120 Ω
R424	3001082700000	27 Ω
R428	3001082700000	27 Ω
R476	3001083310010	330 Ω
R417	3001084790000	4.7 Ω
R418	3001084790000	4.7 Ω
R419	3001084790000	4.7 Ω
R421	3001084790000	4.7 Ω
R422	3001084790000	4.7 Ω
R423	3001084790000	4.7 Ω
R463	3001084790000	4.7 Ω
R502	3001161000010	10 Ω
R475	3001161510010	150 Ω
C485	3101061010010	100PF
C519	3101061010010	100PF
C538	3101061010010	100PF
C539	3101061010010	100PF
C502	3101061020000	1000PF
C504	3101061020000	1000PF
C529	3101061020000	1000PF
C552	3101061020000	1000PF
C557	3101061020000	1000PF
C566	3101061020000	1000PF
C567	3101061020000	1000PF
C569	3101061020000	1000PF
C505	3101061030010	0.01UF
C520	3101061030010	0.01UF
C523	3101061030010	0.01UF
C474	3101061040010	0.1UF
C484	3101061040010	0.1UF
C488	3101061040010	0.1UF
C503	3101061040010	0.1UF
C514	3101061040010	0.1UF
C518	3101061040010	0.1UF
C526	3101061040010	0.1UF
C530	3101061040010	0.1UF
C555	3101061040010	0.1UF
C558	3101061040010	0.1UF
C560	3101061040010	0.1UF
R536	3101061040010	0.1UF
C531	3101061050000	1UF
C477	3101061820000	1800PF
C413	3101062210000	220PF
C478	3101062210000	220PF
C489	3101062210000	220PF
C501	3101062210000	220PF
C527	3101062210000	220PF

C554	3101062210000	220PF
C559	3101062210000	220PF
C563	3101062210000	220PF
C564	3101062210000	220PF
C570	3101062210000	220PF
C476	3101062220010	2200PF
C482	3101063920000	3900PF
C549	3101064720000	4700PF
C535	3101064740000	0.47UF
C537	3101064740000	0.47UF
C550	3101065610000	560PF
C543	3101066810020	680PF
C471	3101070600010	6PF
C506	3101070600010	6PF
R443	3101070600010	6PF
C414	3101071010000	100PF
C417	3101071010000	100PF
C492	3101071010000	100PF
C517	3101071010000	100PF
C540	3101071010000	100PF
C545	3101071010000	100PF
C401	3101071020010	1000PF
C410	3101071020010	1000PF
C415	3101071020010	1000PF
C416	3101071020010	1000PF
C419	3101071020010	1000PF
C472	3101071020010	1000PF
C486	3101071020010	1000PF
C495	3101071020010	1000PF
C497	3101071020010	1000PF
C500	3101071020010	1000PF
C525	3101071020010	1000PF
C547	3101071020010	1000PF
C508	3101071030010	0.01UF
C553	3101071030010	0.01UF
C473	3101071040000	0.1UF
C494	3101071040000	0.1UF
C496	3101071040000	0.1UF
C516	3101071040000	0.1UF
C522	3101071040000	0.1UF
C524	3101071040000	0.1UF
C544	3101071040000	0.1UF
C533	3101071050160	1UF
C418	3101072210010	220PF
C483	3101072210010	220PF
C498	3101072210010	220PF
C499	3101072210010	220PF

C532	3101072210010	220PF
C548	3101072210010	220PF
C534	3101072220010	2200PF
C490	3101081020010	1000pF
C491	3101081040010	0. 1UF
C455	3101370200000	2pF
C457	3101370200000	2pF
C462	3101371000000	10pF
C463	3101371000000	10pF
C36	3101372200000	22pF
C441	3101372200000	22pF
C442	3101372200000	22pF
C443	3101372200000	22pF
C454	3101372200000	22pF
C430	3101374710000	470pF
C431	3101374710000	470pF
C467	3101374710000	470pF
C575	3101374710000	470pF
C453	3101376890000	6. 8pF
C458	3101376890000	6. 8pF
C76	3101376890000	6. 8pF
C542	3101378290000	8. 2pF
C528	3104086840020	0. 68UF
C521	3104086850030	6. 8UF
C551	3104086850030	6. 8UF
C546	3104993360000	33uF
C515	3104994750020	4. 7uF
C536	3104994750020	4. 7uF
R493	3210306560000	56nH
R494	3210306560000	56nH
R497	3210306560000	56nH
R528	3210306560000	56nH
R529	3210306560000	56nH
L417	3213306102000	1uH
L418	3213306102000	1uH
L407	3215107470000	47nH
L401	3217107180010	18nH
L15	3231083011000	113nH
L416	3231083011000	113nH
L402	3217112102020	1uH
L420	3221507600000	FERRITE BEAD
L421	3221507600000	FERRITE BEAD
L403	3221513600000	FERRITE BEAD
L419	3221513600000	FERRITE BEAD
L422	3221513600000	FERRITE BEAD
L423	3221513600000	FERRITE BEAD

L424	3221513600000	FERRITE BEAD
L426	3221513600000	FERRITE BEAD
L427	3221513600000	FERRITE BEAD
L428	3221513600000	FERRITE BEAD
L433	3221513600000	FERRITE BEAD
L404	3231351680000	0.35*1.6*8TR
L410	3233099400010	40nH
L412	3233099400010	40nH
L413	3233099400010	40nH
L414	3233099400010	40nH
D406	3302030500030	DIODE
D404	3302060000000	DIODE
D405	3303010500040	DIODE
D407	3303010500290	DIODE
D408	3303030100010	DIODE
Q408	3403008000010	TRANSISTOR
Q409	3403008000010	TRANSISTOR
Q401	3504990000010	MOSFET
Q402	3504990000020	MOSFET
U406	3605008001690	Amplifier
U401	3605008005070	Amplifier
U407	3605010000020	Amplifier
U404	3608002005490	POWER IC
U405	3608015000060	POWER IC
D401	3609030000000	DIODE
D402	3609030000000	DIODE
U403	3623025000000	Amplitude detector
R510	3001062740010	270K Ω
R509	3001069130000	91K Ω
C470	3001071510010	150 Ω
R444	3001071810000	180 Ω
C452	3101371200000	12pF
C456	3101371200000	12pF
C459	3101371200000	12pF
C465	3101373990000	3.9pF
C466	3101373990000	3.9pF
R433	3217107471010	470nH
R456	3217107471010	470nH
L409	3233099220000	22nH
L408	3233099185900	18.5nH
L411	3233099185900	18.5nH
C404	3101066800000	68PF
C425	3101073000000	30PF
C427	3101073000000	30PF
C424	3101073300000	33PF

C426	3101073300000	33PF
C403	3101074700000	47PF
C464	3101370100000	1pF
C448	3101371210000	120pF
C61	3101375690000	5. 6pF
C444	3101378200000	82PF
Q407	3404999000020	NPN-TRANSISTOR

Component Reference	Component	Component Description
R164	3001060000000	0Ω
R183	3001060000000	0Ω
R196	3001060000000	0Ω
R198	3001060000000	0Ω
R201	3001060000000	0Ω
R212	3001060000000	0Ω
R214	3001060000000	0Ω
R215	3001060000000	0Ω
R243	3001060000000	0Ω
R245	3001060000000	0Ω
R246	3001060000000	0Ω
R247	3001060000000	0Ω
R249	3001060000000	0Ω
R250	3001060000000	0Ω
R258	3001060000000	0Ω
R259	3001060000000	0Ω
R286	3001060000000	0Ω
R287	3001060000000	0Ω
R289	3001060000000	0Ω
R292	3001060000000	0Ω
R3002	3001060000000	0Ω
R3003	3001060000000	0Ω
R3009	3001060000000	0Ω
R3011	3001060000000	0Ω
R3012	3001060000000	0Ω
R3017	3001060000000	0Ω
R3019	3001060000000	0Ω
R302	3001060000000	0Ω
R3021	3001060000000	0Ω
R3022	3001060000000	0Ω
R3023	3001060000000	0Ω
R3026	3001060000000	0Ω
R3034	3001060000000	0Ω
R3052	3001060000000	0Ω
R3054	3001060000000	0Ω
R3057	3001060000000	0Ω
R3059	3001060000000	0Ω
R3060	3001060000000	0Ω
R3061	3001060000000	0Ω
R310	3001060000000	0Ω
R313	3001060000000	0Ω
R314	3001060000000	0Ω

R325	3001060000000	0Ω
R327	3001060000000	0Ω
R328	3001060000000	0Ω
R329	3001060000000	0Ω
R330	3001060000000	0Ω
R332	3001060000000	0Ω
R334	3001060000000	0Ω
R335	3001060000000	0Ω
R336	3001060000000	0Ω
R342	3001060000000	0Ω
R350	3001060000000	0Ω
R351	3001060000000	0Ω
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R449	3001060000000	0Ω
R484	3001060000000	0Ω
R491	3001060000000	0Ω
R501	3001060000000	0Ω
R516	3001060000000	0Ω
R519	3001060000000	0Ω

R520	3001060000000	0Ω
R521	3001060000000	0Ω
R523	3001060000000	0Ω
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R532	3001060000000	0Ω
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R823	3001060000000	0Ω
R833	3001060000000	0Ω
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R904	3001060000000	0Ω
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R907	3001060000000	0Ω
R910	3001060000000	0Ω
R913	3001060000000	0Ω
R914	3001060000000	0Ω
R916	3001060000000	0Ω
R917	3001060000000	0Ω
R918	3001060000000	0Ω
R919	3001060000000	0Ω

R920	3001060000000	0Ω
R925	3001060000000	0Ω
R926	3001060000000	0Ω
R927	3001060000000	0Ω
R928	3001060000000	0Ω
R929	3001060000000	0Ω
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R933	3001060000000	0Ω
R934	3001060000000	0Ω
R936	3001060000000	0Ω
R937	3001060000000	0Ω
R938	3001060000000	0Ω
R940	3001060000000	0Ω
R941	3001060000000	0Ω
R942	3001060000000	0Ω
R943	3001060000000	0Ω
R946	3001060000000	0Ω
R947	3001060000000	0Ω
R948	3001060000000	0Ω
R958	3001060000000	0Ω
R959	3001060000000	0Ω
R960	3001060000000	0Ω
R961	3001060000000	0Ω
R128	3001061010000	100Ω
R734	3001061010000	100Ω
R3048	3001061020000	1kΩ
R3050	3001061020000	1kΩ
R3049	3001061020000	1kΩ
R3047	3001061020000	1kΩ
R130	3001061020010	1kΩ
R167	3001061020010	1kΩ
R922	3001061020010	1kΩ
R921	3001061020010	1kΩ
R915	3001061020010	1kΩ
R221	3001061020010	1kΩ
R255	3001061020010	1kΩ
R256	3001061020010	1kΩ
R265	3001061020010	1kΩ
R3004	3001061020010	1kΩ
R3025	3001061020010	1kΩ
R3028	3001061020010	1kΩ
R3033	3001061020010	1kΩ

R512	3001061020010	1k Ω
R561	3001061020010	1k Ω
R563	3001061020010	1k Ω
R565	3001061020010	1k Ω
R582	3001061020010	1k Ω
R586	3001061020010	1k Ω
R621	3001061020010	1k Ω
R622	3001061020010	1k Ω
R710	3001061020010	1k Ω
R711	3001061020010	1k Ω
R714	3001061020010	1k Ω
R718	3001061020010	1k Ω
R839	3001061020010	1k Ω
R850	3001061020010	1k Ω
R901	3001061020010	1k Ω
R902	3001061020010	1k Ω
R903	3001061020010	1k Ω
R906	3001061020010	1k Ω
R911	3001061020010	1k Ω
C920	3101063000010	30pF
C921	3101063000010	30pF
R135	3001063300000	33 Ω
R136	3001063300000	33 Ω
R137	3001063300000	33 Ω
R138	3001063300000	33 Ω
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R152	3001063300000	33 Ω
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R157	3001063300000	33 Ω

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R244	3001063300000	33Ω
R253	3001063300000	33Ω
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R264	3001063300000	33Ω
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R349	3001063300000	33Ω

R354	3001063300000	33Ω
R355	3001063300000	33Ω
R356	3001063300000	33Ω
R361	3001063300000	33Ω
R362	3001063300000	33Ω
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R397	3001063300000	33Ω
R401	3001063300000	33Ω
R487	3001063300000	33Ω
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R558	3001063300000	33Ω
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R607	3001063300000	33Ω
R608	3001063300000	33Ω
R609	3001063300000	33Ω
R611	3001063300000	33Ω
R612	3001063300000	33Ω
R613	3001063300000	33Ω

R614	3001063300000	33Ω
R615	3001063300000	33Ω
R616	3001063300000	33Ω
R627	3001063300000	33Ω
R634	3001063300000	33Ω
R635	3001063300000	33Ω
R656	3001063300000	33Ω
R660	3001063300000	33Ω
R733	3001063300000	33Ω
R735	3001063300000	33Ω
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R739	3001063300000	33Ω
R740	3001063300000	33Ω
R741	3001063300000	33Ω
R742	3001063300000	33Ω
R743	3001063300000	33Ω
R744	3001063300000	33Ω
R745	3001063300000	33Ω
R746	3001063300000	33Ω
R747	3001063300000	33Ω
R748	3001063300000	33Ω
R749	3001063300000	33Ω
R750	3001063300000	33Ω
R751	3001063300000	33Ω
R754	3001063300000	33Ω
R956	3001063300000	33Ω
R930	3001067500090	75Ω
R935	3001067500090	75Ω
J604	5202005100000	CONNECTOR
J605	5202005100000	CONNECTOR
C905	3101072230000	0.022uF
R624	3001070000000	0Ω
R303	3001061520000	1.5kΩ
R321	3001061520000	1.5kΩ
R628	3001061520000	1.5kΩ
R238	3001061040010	100kΩ
R239	3001061040010	100kΩ
R240	3001061040010	100kΩ
R280	3001061040010	100kΩ
R281	3001061040010	100kΩ
R282	3001061040010	100kΩ
R3006	3001061040010	100kΩ
R3007	3001061040010	100kΩ

R3015	3001061040010	100k Ω
R517	3001061040010	100k Ω
R518	3001061040010	100k Ω
R526	3001061040010	100k Ω
R535	3001061040010	100k Ω
R568	3001061040010	100k Ω
R573	3001061040010	100k Ω
R576	3001061040010	100k Ω
R801	3001061040010	100k Ω
R808	3001061040010	100k Ω
R817	3001061040010	100k Ω
R818	3001061040010	100k Ω
R820	3001061040010	100k Ω
R840	3001061040010	100k Ω
R842	3001061040010	100k Ω
R844	3001061040010	100k Ω
R846	3001061040010	100k Ω
R3018	3001061030000	10K Ω
R3046	3001061030000	10k Ω
R3008	3001061030000	10k Ω
R448	3001061030010	10k Ω
R453	3001061030010	10k Ω
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R522	3001061030010	10k Ω
R533	3001061030010	10k Ω
R539	3001061030010	10k Ω
R540	3001061030010	10k Ω
R543	3001061030010	10k Ω
R567	3001061030010	10k Ω
R571	3001061030010	10k Ω
R583	3001061030010	10k Ω
R632	3001061030010	10k Ω
R633	3001061030010	10k Ω
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R703	3001061030010	10k Ω

R704	3001061030010	10kΩ
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R706	3001061030010	10kΩ
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R716	3001061030010	10kΩ
R717	3001061030010	10kΩ
R719	3001061030010	10kΩ
R720	3001061030010	10kΩ
R721	3001061030010	10kΩ
R722	3001061030010	10kΩ
R723	3001061030010	10kΩ
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R731	3001061030010	10kΩ
R732	3001061030010	10kΩ
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R263	3001061030010	10kΩ
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R273	3001061030010	10kΩ
R3001	3001061030010	10kΩ
R3005	3001061030010	10kΩ
R3010	3001061030010	10kΩ
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R3014	3001061030010	10k Ω
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R3029	3001061030010	10k Ω
R3035	3001061030010	10k Ω
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R442	3001061030010	10k Ω
R445	3001061030010	10k Ω
R924	3001071000000	10 Ω

R186	3001061000000	10Ω
R189	3001061000000	10Ω
R224	3001061000000	10Ω
R226	3001061000000	10Ω
R268	3001061000000	10Ω
R269	3001061000000	10Ω
R3036	3001061000000	10Ω
R3038	3001061000000	10Ω
R319	3001061000000	10Ω
R320	3001061000000	10Ω
R815	3001061000000	10Ω
R3016	3001061140000	110kΩ
R939	3099061242020	12.4kΩ
R841	3001061240000	120kΩ
R542	3001061540000	150kΩ
R550	3001061530010	15kΩ
R559	3001061530010	15kΩ
C901	3101061500010	15pF
C902	3101061500010	15pF
C903	3101061500010	15pF
C904	3101061500010	15pF
R950	3001061050010	1MΩ
C817	3101062250000	2.2uF
C838	3101062250000	2.2uF
C842	3101062250000	2.2uF
R843	3001062040030	200kΩ
R200	3001062230030	22kΩ
R802	3001062230030	22kΩ
R805	3001062230030	22kΩ
R806	3001062230030	22kΩ
R195	3001062230030	22kΩ
R807	3001062230030	22kΩ
R503	3001062740010	270kΩ
R549	3001062730010	27kΩ
R504	3001061220000	3 1.2kΩ
R546	3001063030020	30kΩ
R547	3001063030020	30kΩ
R548	3001063030020	30kΩ
R564	3001063030020	30kΩ
R570	3001063030020	30kΩ
R3031	3001063330000	33kΩ
R530	3001063930010	39kΩ
R829	3099064321010	4.32K

R241	3001064720000	4.7kΩ
R242	3001064720000	4.7kΩ
R283	3001064720000	4.7kΩ
R284	3001064720000	4.7kΩ
R513	3001064720000	4.7kΩ
R620	3001064720000	4.7kΩ
R821	3001064720000	4.7kΩ
R836	3001064720000	4.7kΩ
R3051	3001064740000	470kΩ
R816	3001064740000	470kΩ
R505	3001064730000	47kΩ
R506	3001064730000	47kΩ
R527	3001064730000	47kΩ
R537	3001064730000	47kΩ
R544	3001064730000	47kΩ
R562	3001064730000	47kΩ
R569	3001064730000	47kΩ
R574	3001064730000	47kΩ
R629	3001064730000	47kΩ
R819	3001064730000	47kΩ
R832	3001064730000	47kΩ
R849	3001064730000	47kΩ
R923	3099074999010	49.9Ω
R908	3099074999010	49.9Ω
R909	3099074999010	49.9Ω
R912	3099074999010	49.9Ω
R831	3099066810000	681R
R3032	3001066830000	68kΩ
R804	3001066830000	68kΩ
R803	3001066830000	68kΩ
C865	3104206860020	68uF
C869	3104206860020	68uF
C871	3104206860020	68uF
R3024	3001068230010	82kΩ
R3027	3001068230010	82kΩ
C180	3101061030010	0.01uF
C186	3101061030010	0.01uF
C189	3101061030010	0.01uF
C196	3101061030010	0.01uF
C201	3101061030010	0.01uF
C204	3101061030010	0.01uF
C214	3101061030010	0.01uF
C219	3101061030010	0.01uF

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C530	3101061030010	0.01uF
C531	3101061030010	0.01uF
C801	3101061030010	0.01uF
C803	3101061030010	0.01uF
C808	3101061030010	0.01uF
C815	3101061030010	0.01uF
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C215	3101061010010	100pF
C217	3101061010010	100pF
C330	3101061010010	100pF
C334	3101061010010	100pF
C337	3101061010010	100pF
C340	3101061010010	100pF
C359	3101061010010	100pF
C368	3101061010010	100pF
C387	3101061010010	100pF
C388	3101061010010	100pF
C389	3101061010010	100pF
C390	3101061010010	100pF
C391	3101061010010	100pF
C392	3101061010010	100pF
C401	3101061010010	100pF
C402	3101061010010	100pF
C403	3101061010010	100pF
C519	3101061010010	100pF
C751	3101071010000	100pF
C320	3104071060070	10uF
C323	3104071060070	10uF
C325	3104071060070	10uF
C365	3104071060070	10uF
C367	3104071060070	10uF

C386	3104071060070	10uF
C823	3104071060070	10uF
C826	3104071060070	10uF
C856	3104071060070	10uF
C405	3104081060120	10uF
C506	3104081060120	10uF
C508	3104081060120	10uF
C510	3104081060120	10uF
C541	3104081060120	10uF
C556	3104081060120	10uF
C836	3104081060120	10uF
C899	3104081060120	10uF
C914	3104081060120	10uF
C915	3104081060120	10uF
C916	3104081060120	10uF
C917	3104081060120	10uF
C918	3104081060120	10uF
C931	3104081060120	10uF
C949	3104081060120	10uF
C548	3101081060010	10uF
C549	3101081060010	10uF
C553	3101081060010	10uF
C554	3101081060010	10uF
C175	3101061200000	12pF
C176	3101061200000	12pF
C177	3101061200000	12pF
C199	3101061200000	12pF
C193	3101061050000	1uF
C216	3101061050000	1uF
C328	3101061050000	1uF
C332	3101061050000	1uF
C335	3101061050000	1uF
C338	3101061050000	1uF
C374	3101061050000	1uF
C513	3101061050000	1uF
C514	3101061050000	1uF
C515	3101061050000	1uF
C516	3101061050000	1uF
C524	3101061050000	1uF
C525	3101061050000	1uF
C526	3101061050000	1uF
C537	3101061050000	1uF
C538	3101061050000	1uF

C181	3104082260060	22uF
C181	3104082260060	22uF
C181	3104082260060	22uF
C181	3104082260060	22uF
C181	3104082260060	22uF
C181	3104082260060	22uF
C181	3104082260060	22uF
C522	3101082260020	22uF
C523	3101082260020	22uF
C532	3101082260020	22uF
C533	3101082260020	22uF
C534	3101082260020	22uF
C382	3101063320000	3300pF
C528	3101063310010	330pF
C547	3101063310010	330pF
C552	3101063310010	330pF
C380	3101063900000	39pF
R536	3101064750010	4.7uF
R584	3101064750010	4.7uF
C639	3101064710000	470pF
C810	3101064710000	470pF
C834	3101064710000	470pF
R560	3001064710000	470Ω
C509	3104274760000	47uF
C804	3103994760180	47uF
C816	3103994760180	47uF
C859	3103994760180	47uF
C811	3103993370000	47uF
C377	3101068200000	82pF
C378	3101068200000	82pF
C379	3101068200000	82pF
U301	3606010000030	A/D transition IC
U302	3605002057090	Amplifier
U306	3605002057090	Amplifier
U305	3605008005070	Amplifier
U503	3605010000020	Amplifier
U504	3605010000020	Amplifier
U502	3602023005740	Audio PA IC
U501	3613010000000	CODEC
X901	3701002560000	CRYSTAL 25MHz
X302	3701019250040	CRYSTAL 19.2MHz
X102	3701327610060	CRYSTAL 32.768KHz
X105	3701327610060	CRYSTAL 32.768KHz

U303	3606010000010	D/A transition IC
U304	3606010000010	D/A transition IC
D502	3302031100010	DIODE
D503	3302031100010	DIODE
D601	3303100500000	DIODE
D605	3303100500000	DIODE
D602	3399040600010	DIODE
D603	3399040600010	DIODE
D608	3399040600010	DIODE
D711	3399040600010	DIODE
D801	3301100300030	DIODE
D804	3301100300030	DIODE
D807	3311240100000	DIODE
D808	3311240100000	DIODE
D809	3302030500030	DIODE
D901	3307110100080	DIODE,LED
D902	3307110100080	DIODE,LED
D903	3307110100080	DIODE,LED
D904	3307110100080	DIODE,LED
D905	3307110100080	DIODE,LED
D906	3307110100080	DIODE,LED
D907	3307110100080	DIODE,LED
D908	3307110100080	DIODE,LED
D201	3307110200000	DIODE,LED
D101	3307110100080	DIODE,LED
U103	3612031000120	EEPROM
D702	3310990000090	ESD DIODE
D709	3310990000090	ESD DIODE
D805	3310990000090	ESD DIODE
D806	3310990000090	ESD DIODE
D501	3310240000000	ESD DIODE
D504	3310240000000	ESD DIODE
D505	3310240000000	ESD DIODE
D607	3310240000000	ESD DIODE
D703	3310240000000	ESD DIODE
D704	3310240000000	ESD DIODE
D705	3310240000000	ESD DIODE
D706	3310240000000	ESD DIODE
D707	3310240000000	ESD DIODE
D710	3310240000000	ESD DIODE
D810	3310240200000	ESD DIODE
D811	3310240200000	ESD DIODE
D812	3310240200000	ESD DIODE

U901	3609999007670	ethernet control IC
L502	3221513600000	FERRITE BEAD
L503	3221513600000	FERRITE BEAD
L615	3221513600000	FERRITE BEAD
L802	3221513600000	FERRITE BEAD
L807	3221513600000	FERRITE BEAD
L814	3221513600000	FERRITE BEAD
L815	3221513600000	FERRITE BEAD
L816	3221513600000	FERRITE BEAD
L901	3221513600000	FERRITE BEAD
L902	3221513600000	FERRITE BEAD
L903	3221513600000	FERRITE BEAD
L904	3221513600000	FERRITE BEAD
L905	3221513600000	FERRITE BEAD
L101	3221506601000	FERRITE BEAD
L303	3221506601000	FERRITE BEAD
L305	3221506601000	FERRITE BEAD
L306	3221506601000	FERRITE BEAD
L148	3221506181000	FERRITE BEAD
L149	3221506181000	FERRITE BEAD
L501	3221506181000	FERRITE BEAD
L507	3221506181000	FERRITE BEAD
L801	3221506181000	FERRITE BEAD
L809	3221506181000	FERRITE BEAD
L819	3221506181000	FERRITE BEAD
L820	3221506181000	FERRITE BEAD
L822	3221506181000	FERRITE BEAD
L823	3221506181000	FERRITE BEAD
L825	3221506181000	FERRITE BEAD
L506	3221506300000	FERRITE BEAD
L508	3221506300000	FERRITE BEAD
L602	3221506300000	FERRITE BEAD
L603	3221506300000	FERRITE BEAD
L604	3221506300000	FERRITE BEAD
L605	3221506300000	FERRITE BEAD
L606	3221506300000	FERRITE BEAD
L607	3221506300000	FERRITE BEAD
L608	3221506300000	FERRITE BEAD
L609	3221506300000	FERRITE BEAD
L610	3221506300000	FERRITE BEAD
L611	3221506300000	FERRITE BEAD
L612	3221506300000	FERRITE BEAD
L613	3221506300000	FERRITE BEAD

L147	3210406471000	FERRITE BEAD
L151	3210406471000	FERRITE BEAD
L803	3217699153000	FERRITE BEAD
L804	3217699153000	FERRITE BEAD
L805	3241799103000	FERRITE BEAD
L813	3241799103000	FERRITE BEAD
L821	3211799622010	FERRITE BEAD
L824	3217199223000	FERRITE BEAD
L826	3217199223000	FERRITE BEAD
L504	3221506601070	FERRITE BEAD
L505	3221506601070	FERRITE BEAD
J602	5206040200010	FFC
F802	4001000000130	Fuse
F803	4002000000270	Fuse
U105	3608012000000	LOGIC IC
U401	3607023000150	LOGIC IC
U701	3607037000030	LOGIC IC
U235	3612044000010	Mobile-SDRAM
U232	3612044000010	Mobile-SDRAM
Q803	3503020000030	N-MOSFET
U233	3612002000020	NOR-FLASH+PSRAM
U234	3612002000020	NOR-FLASH+PSRAM
U202	3610010000010	OMAP
U102	3610010000010	OMAP
	41TR9881003C0	PCB
Q601	3403002000000	PNP TRANSISTOR
Q802	3403002000010	PNP TRANSISTOR
U801	3608010000080	POWER IC
U802	3608010000080	POWER IC
U803	3608010000020	POWER IC
U806	3608006000000	POWER IC
U807	3608015000060	POWER IC
U821	3608026000000	POWER IC
U805	3609010000210	Reset IC
U702	3699053000000	SmartSwitch
T901	5406000000120	transformer
Q506	3403008000010	TRANSISTOR
Q603	3403008000010	TRANSISTOR
Q605	3403008000010	TRANSISTOR
Q501	3499000000150	TRANSISTOR
Q502	3499000000150	TRANSISTOR
Q503	3499000000150	TRANSISTOR
Q504	3499000000150	TRANSISTOR

Q505	3499000000150	TRANSISTOR
Q507	3499000000150	TRANSISTOR
Q508	3499000000150	TRANSISTOR
Q401	3414999000000	TRANSISTOR
Q402	3414999000000	TRANSISTOR
Q403	3414999000000	TRANSISTOR
Q404	3414999000000	TRANSISTOR
Q702	3414999000000	TRANSISTOR
Q703	3414999000000	TRANSISTOR
Q704	3414999000000	TRANSISTOR
Q705	3414999000000	TRANSISTOR
Q706	3414999000000	TRANSISTOR
Q707	3414999000000	TRANSISTOR
Q708	3414999000000	TRANSISTOR
Q709	3414999000000	TRANSISTOR
Q710	3414999000000	TRANSISTOR
D802	3310240000010	TVS DIODE
D604	3699037000010	USB IC
D708	3699037000010	USB IC