

Description	Comment	Designator	Footprint	Quantity
203-006500-R05	SPRING	1, 2		2
112-0631R0-R01	1P	C1, C9, C55, C90	603	4
112-0631R5-R01	1.5P	C2	603	1
112-0633R5-R01	3.5P	C3	603	1
112-063200-R01	20P	C4	603	1
112-063330-R01	33P	C5, C213	603	2
112-043471-R01	471	C6, C7, C21, C23, C31, C34, C43, C46, C49, C56, C57, C58, C62, C63, C65, C67, C71, C73, C76, C77, C78, C79, C80, C81, C82, C85, C86, C92, C94, C97, C98, C100, C109, C110, C113, C119, C125, C126, C127, C131, C133, C137, C146, C150, C173, C175, C193, C202, C203, C205, C210, C223, C235, C244, C247, C253, C266, C270, C272, C279, C281, C282, C290, C301, C306, C311, C312, C316, C318, C321, C323, C324, C327, C329, C332, C333, C335, C338, C356, C360, C365, C367, C368, C369, C370, C376	402	86
112-063300-R01	30P	C8	603	1
112-043330-R01	33P	C10, C129, C154	402	3
112-043100-R01	10P	C11, C59, C70, C142, C143	402	5
112-063102-R01	102	C12, C132, C160, C183, C184, C200	603	6
112-063471-R01	471	C13, C72, C168, C171, C206	603	5
112-0634R0-R01	4P	C14, C41, C42, C60, C189	603	5

NC	7.5V, CN1, NC	C15, C27, C32, C35, C37, C39, C47, C51, C53, C61, C64, C116, C145, C147, C148, C149, C153, C155, C185, C187, C195, C221, C222, C224, C228, C259, C292, C296, C300, C308, C310, C314, C348, C357, C358, C366, C373, C378, C387, C388, CN1, D8, D24, D32, D34, DC, IC12, IC13, IC15, IC17, L11, L13, L16, L40, L45, L80, Q27, Q28, Q38, Q42, R3, R5, R17, R23, R26, R56, R64, R93, R96, R149, R150, R155, R162, R163, R165, R190, R200, R202, R205, R208, R212, R223, R236, R241, R249, R251, R252, R253, R254, R255, R256, R257, R259, R260, R263, R266, R267, R268, R272, R273, R289, R291, R294, R296, R302, R306, R309, R312, R317, R339, SPK1	0402, 0603, 0603-D, 0805, 0805-D-21, 1206, 1210, 6800POWER JACK, ANT, CMA3000, ICA, PST, SO-8, SOT-23-2SJ243, SOT-23-5066, SOT-23A-591, SOT-23B-KTC4082, SPEAKER 36	111
112-0633R0-R01	3P	C16, C18	603	2
112-0635R0-R01	5P	C17, C156, C174	603	3
112-0632R0-R01	2P	C19, C138	603	2
112-072475-R01	4.7uF/10V	C20, C89, C93, C120, C122, C130, C163, C197, C208, C225, C227, C261, C262, C278, C284, C305, C307, C317, C336, C344, C350, C361	805	22
112-043150-R01	15P	C22, C108	402	2
112-0638R0-R01	8P	C24, C182	603	2
112-063240-R01	24P	C25	603	1
112-063130-R01	13P, 13PF	C26, C29	603	2
112-0636R0-R01	6P	C28, C50	603	2
112-063101-R01	101	C30, C111, C374	603	3

112-043104-R02		104	C33, C83, C99, C114, C151, C166, C167, C177, C178, C199, C209, C216, C231, C233, C248, C251, C257, C274, C276, C280, C285, C293, C303, C319, C328, C331, C351, C359		402		28
112-063390-R01	39P		C36		603		1
112-043180-R01	18P		C38		402		1
112-063R50-R01	0.5P		C40, C107		603		2
112-043103-R01		103	C44, C54, C91, C95, C115, C134, C152, C181, C196, C207, C232, C234, C256, C268, C275, C352, C362, R90		402		18
112-043105-R01		105	C45, C66, C87, C217, C218, C237, C263, C271, C289, C299, C304, C315, C339, C353, C354, C371, C372, C385, C386, C390		402		20
112-0433R0-R01	3P		C48		402		1
113-010100-R01	10P		C52, C117	VC-1			2
112-0431R0-R01	1P		C68, C69, C169		402		3
112-0435R0-R01	5P		C74, C75, C254		402		3
112-043101-R01		101	C84, C104, C105, C106, C121		402		5
112-043R50-R01	0.5P		C88		402		1
112-102104-R01	0.1uF/35V		C96, C102		1206		2
112-043300-R01	30P		C101, C342		402		2
112-0437R0-R01	7P		C103, C124		402		2
112-102105-R01	1uF/16V		C112, C118		1206		2
112-0434R0-R01	4P		C123, C186		402		2
112-043470-R01	47P		C128, C252, C309		402		3
109-040000-R01	0R		C135, C136, C255, C330, R54, R94, R152, R178, R187, R227, R240, R258, R262, R264, R269, R290, R298, R307, R308		402		19
109-060000-R01	0R		C139, L52, L56, L77, R95, R170, R201, R222, R282, R305, R314		603		11
112-043223-R01		223	C140, C161, C214, C226, C325		402		5
112-102156-R01	15uF/6.3V		C141		1206		1
112-043331-R01		331	C144		402		1
112-043333-R01		333	C157, C159, C219, C240, C265		402		5
112-043683-R01		683	C158, C220, C269		402		3

112-043221-R01		221 C162, C230, C288, C302, C326, C340, C341, C343, C345, C346, C364, C375, C377, C379, C380, C381, C382, C383, C384		402	19
109-040221-R01	220R	C164		402	1
109-060221-R01	220R	C165, R104		603	2
112-0431R5-R01	1.5P	C170		402	1
112-073334-R01		334 C172		805	1
112-043130-R01	13P	C176		402	1
112-043102-R01	102, 102P	C179, C180, C192, C198, C204, C211, C212, C283, C363		402	9
112-0637R0-R01	7P	C188, C191		603	2
112-0439R0-R01	9P	C190, C347		402	2
112-0438R0-R01	8P	C194		402	1
112-043182-R01		182 C201, C267		402	2
112-043121-R01		121 C215		402	1
112-072105-R01	1uF/10V	C229, C236, C273, C322, C355		805	5
112-043273-R01		273 C238		402	1
112-043393-R01		393 C239, C243, C277		402	3
112-043222-R01		222 C241, C246		402	2
112-043220-R01	22P	C242, C291, C295, C297, C298		402	5
112-043561-R01		561 C245		402	1
112-043123-R01		123 C249		402	1
112-043200-R01	20P	C250		402	1
112-043271-R01	270P	C258		402	1
112-043270-R01	27P	C260		402	1
112-043151-R01		151 C264		402	1
112-043332-R01		332 C286		402	1
109-040203-R01	20K	C287		402	1
112-112476-R02	4.7uF/10V	C294		1412	1
112-043224-R02		224 C313		402	1
112-043392-R01		392 C320, C337		402	2
NC	FPCCON	C334, C349, FPCCON1	0402, FPCCON		3
109-100000-R01	0R	C389		1412	1
108-450C24-R02	450CX24	CD1	CD-450KHz		1
108-CF450H-R02	450H	CF1	CF-SMD1		1
108-CF450F-R02	450F	CF2	CF-SMD1		1
124-020000-R15	CN38	CN3	cn39		1
103-HVC131-R01	HVC131	D1, D39	0603-D		2
103-HVC376-R01	HVC376B	D2, D4, D5, D6, D11, D12, D13, D14, D27, D28, D29, D30, D40	0603-D		13
103-HSC277-R01	HSC277	D3, D7, D17	0603-D		3
103-1SV278-R01	1SV278	D9	0603-D		1

103-A2S111-R01	MA2S111	D10, D16, D20, D38	0603-D	4
103-HZU5AL-R01	HZU5ALL	D15	0805-D-21	1
103-DAN222-R01	DAN222	D18, D19	SOT-23-5066	2
103-HVC355-R02	HVC355B	D21, D23	0603-D	2
103-0MA742-R01	MA742	D22, D35, D36, D37	SOT-23B-KTC4082	4
103-MHC190-R02	RED	D25	603	1
103-L190YG-R01	GREEN	D26, D31	603	2
103-1SR154-R01	1SR154-400	D33	1SR154	1
111-030000-R01	3A	F1	1206	1
102-C75W51-R01	TC75W51FU	IC1	SSOP-8	1
102-DF4111-R01	ADF4111	IC2	SOP-16	1
102-M2904V-R01	NJM2904	IC3	SOP-8	1
102-A31136-R01	TA31136	IC4	SOP-16	1
102-M2902V-R01	NJM2902V	IC5	SOP-14	1
102-AK2346-R01	AK2346	IC6	SOP-24	1
102-M30620-R01	M3062LFGPGP	IC7	M30622	1
102-24C256-R02	24LC256	IC8	SO-8	1
102-DA8541-R01	TDA8541	IC9	SO-8	1
102-HT9172-R01	HT9172	IC10	SOP18	1
102-9140NR-R01	PST9140NR	IC11	PST	1
102-A75W01-R01	TA75W01FU	IC14	SSOP-8	1
102-FP3502-R01	XC62F3502PR	IC16	SOT-89-2SK3475	1
124-050000-R14	SPK	J1	PHONEJACK-3.5DIP	1
124-050000-R13	MIC	J2	PHONEJACK-2.5DIP	1
115-1R23R0-R01	3T	L1, L2, L3, L12, L55, L57, L58	3T	7
115-1R53R0-R04	3T	L4, L5, L6	3T	3
114-06G181-R01	180nH	L7	603	1
114-07D150-R01	15nH	L8	1206	1
117-000000-R04	BLM11A221S	L9, L29, L30, L33, L34, L41, L49, L60, L62, L63, L64, L66, L68, L69, L70, L71, L72, L73, L74, L75, L76, L79	603	22
114-06G332-R01	3.3uH	L10, L37	603	2
114-07E221-R01	220nH	L14	805	1
114-06G220-R01	22nH	L15, L17	603	2
115-1R58R0-R02	8T	L18	8T	1
115-1R55R0-R01	5T	L19	1208	1
114-06G221-R02	220nH	L20, L25, L31, L38, L46	603	5
114-06G180-R01	18nH	L21	603	1
109-070000-R01	0R	L22, L54	805	2
114-06G120-R01	12nH	L23	603	1
114-06E180-R01	18nH	L24, L39	603	2
114-06G270-R01	27nH	L26	603	1

117-000000-R05	BLM11A300S, BLM21P300S	L27, L28, L32, L65, L67, R143	805	6
114-06G101-R03	100nH	L35	603	1
114-10D170-R01	17nH	L36	1206	1
114-08E103-R01	10uH	L42	805	1
114-06G471-R01	470nH	L43	603	1
114-06G561-R01	560nH	L44	603	1
114-06E680-R01	68nH	L47, L53	603	2
114-06G102-R01	1uH	L48	603	1
114-08E331-R01	0.33uH	L50	1008	1
114-08E821-R01	0.82uH	L51	1008	1
109-060560-R01	56R	L59	603	1
109-060100-R01	10R	L61	603	1
114-06E560-R01	56nH	L78	603	1
105-RD07MU-R02	RD07MUS2B	Q1	POWER AMP	1
104-SC5108-R01	2SC5108, 2SC5108(Y)	Q2, Q4, Q8, Q15, Q20, Q49	SOT-23-4617, SOT- 23-5066, SOT-23B- KTC4082	6
105-RD01MU-R01	RD01MUS2	Q3	SOT-89-RS	1
104-SC3356-R01	2SC3356	Q5	SOT-23&89	1
105-2SK508-R01	2SK508NV(K52)	Q6, Q11	SOT-23A- 2SK508NV	2
104-A143TE-R01	DTA143TE	Q7, Q9	SOT-23-4617, SOT- 23-5066	2
104-C144EU-R01	DTC144EUA	Q10	SOT-23B-KTC4082	1
104-A144EE-R01	DTA144EE	Q12, Q25, Q36, Q50	SOT-23-4617, SOT- 23-5066	4
104-C144EE-R01	DTC144EE	Q13, Q16, Q22, Q23, Q24, Q32, Q35, Q52, Q55	SOT-23-4617, SOT- 23-5066	9
104-SC4617-R01	2SC4617, 2SC4617(S)	Q14, Q21, Q30, Q31, Q53	SOT-23-4617, SOT- 23-5066	5
105-SK1829-R01	2SK1829	Q17	SOT-23B-KTC4082	1
105-3SK318-R01	3SK318	Q18, Q19	3SK320	2
104-A123JE-R01	DTA123JE	Q26, Q44	SOT-23-5066	2
105-SK1824-R01	2SK1824	Q29, Q33, Q34, Q46, Q51, Q54	SOT-23-4617, SOT- 23-5066	6
105-ST2302-R01	ST2302	Q37, Q48, Q56	SOT-23A-123	3
105-ST2301-R01	ST2301	Q39, Q43	SOT-23A-123	2
102-B502MR-R01	XC6204B502MR	Q40, Q45	SOT-25-1	2
104-SC4116-R01	2SC4116	Q41	SOT-23B-KTC4082	1
104-SA1586-R01	2SA1586	Q47	SOT-23B-KTC4082	1
109-060222-R01	2.2K	R1	603	1
109-040100-R01	10R	R2, R47, R49, R69, R77	402	5
109-040472-R01	4.7K	R4, R16, R37, R48, R62, R73, R74, R75, R89, R134, R136, R137, R145, R173, R176, R197, R207, R216	402	18
109-040154-R01	150K	R6, R25, R42, R121, R157, R159, R179, R182	402	8

109-040273-R01	27K	R7, R125, R147, R153, R195, R275, R280	402	7
109-040105-R01	1M	R8, R60, R109, R113, R114, R115, R116, R120, R127, R234, R237, R243, R270	402	13
109-060151-R01	150R	R9	603	1
109-040562-R01	5.6K	R10, R303	402	2
109-040102-R01	1K	R11, R12, R40, R51, R68, R76, R118, R129, R130, R131, R132, R148, R154, R158, R160, R164, R167, R168, R192, R198, R217, R221, R225, R226, R245, R277, R297, R299, R301, R310, R316, R318, R319, R320, R321, R322, R323, R324, R325, R326, R327, R330, R331, R332, R333, R334, R335, R336, R337	402	49
109-040470-R01	47R	R13	402	1
109-040331-R01	330R	R14, R107, R119	402	3
109-040823-R01	82K	R15, R142, R169	402	3
109-060102-R01	1K	R18	603	1
109-040271-R01	270R	R19	402	1
109-040101-R01	100R	R20, R22, R108	402	3
109-040103-R01	10K	R21, R59, R126, R139, R144, R172, R199, R211, R233, R284, R287, R288	402	12
109-040272-R01	2.7K	R24, R45, R46, R181, R295	402	5
109-060220-R01	22R	R27	603	1
109-040152-R01	1.5K	R28, R180	402	2
109-040474-R01	470K	R29, R85, R156, R265, R271, R315, R342, R343	402	8
109-040473-R01	47K	R30, R32, R183, R206, R214, R224, R228, R229, R235, R242, R274, R276, R286, R292, R293	402	15
109-040220-R01	22R	R31, R36, R92, R230	402	4
109-060330-R01	33R	R33	603	1
109-040274-R01	270K	R34, R38	402	2
109-040393-R01	39K	R35	402	1
109-060101-R01	100R	R39	603	1
109-040561-R01	560R	R41, R43, R44	402	3
109-040153-R01	15K	R50, R281	402	2
109-040181-R01	180R	R52	402	1

109-060154-R02	150K	R53, R55, R58, R63, R67, R72	603	6
109-100R47-R01	0.47R	R57, R65, R66	1206	3
109-040204-R01	200K	R61	402	1
109-060273-R01	27K	R70	603	1
109-040563-R01	56K	R71, R220, R246	402	3
109-060104-R01	100K	R78, R105, R110, R250	603	4
109-040223-R01	22K	R79, R80, R82, R83, R86, R102, R103, R141, R166, R244, R313	402	11
109-040184-R02	180K	R81	402	1
109-060563-R01	56K	R84, R111	603	2
109-040363-R01	36K	R87	402	1
109-040564-R01	560K	R88, R218, R219	402	3
112-063103-R01	103	R91	603	1
109-040334-R01	330K	R97, R232, R239	402	3
109-040682-R01	6.8K	R98, R99	402	2
109-040151-R01	150R	R100	402	1
109-040822-R01	8.2K	R101	402	1
109-060683-R01	68K	R106	603	1
109-040332-R01	3.3K	R112, R123, R128, R133, R135, R177	402	6
109-040560-R01	56R	R117	402	1
109-060274-R01	270K	R122	603	1
109-060184-R01	180K	R124	603	1
109-060472-R01	4.7K	R138	603	1
109-040123-R01	12K	R140, R191, R209	402	3
109-040224-R01	220K	R146, R161, R203	402	3
109-040513-R01	51K	R151	402	1
109-040333-R01	33K	R171, R215, R247, R248, R311	402	5
109-040184-R01	180K	R174, R194, R196, R210	402	4
109-040913-R01	91K	R175	402	1
109-040183-R01	18K	R184, R185, R278	402	3
109-040104-R01	100K	R186, R213, R261, R279, R283, R300, R304	402	7
119-060104-R01	100K	R188	603	1
109-040222-R01	2.2K	R189	402	1
109-040124-R01	120K	R193, R204, R328	402	3
109-040392-R01	3.9K	R231	402	1
109-040182-R01	1.8K	R238	402	1
109-040824-R01	820K	R285	402	1
110-220103-R01	10K	SW1	POWER&VOL	1
106-RY6472-R01	ENCODER	SW2	ENCODER-1	1
106-LBE010-R01	PF3	SW3	SW-ALPS	1
122-112M80-R01	12.8MHz	X1	TCXO-12.8	1
122-19M830-R01	9.8304MHz	X2	XTAL6	1
122-13M686-R02	3.6MHz	X3	SMD-49	1

122-13M580-R02	3.58MHz	X4	SMD-49	1
108-XF5165-R01	51.65MHz	XF1	XF-51.65MHz	1