

Item	Name	Quantity	Reference	Part	PCB Footprint
1	Capacitance	7	C1, C2, C3, C56, C57, C94, C95	22pF	C0603
2	Capacitance	14	C4, C7, C8, C9, C10, C11, C14, C15, C65, C67, C68, C69, C137, C135	1uf	C0603
3	Capacitance	51	C6, C28, C29, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C47, C48, C50, C51, C52, C53, C58, C66, C77, C79, C80, C81, C82, C83, C84, C85, C86, C87, C88, C89, C91, C93, C111, C112, C113, C114, C115, C116, C117, C118, C119, C128, C133, C134, C136, C138	0. 1uF	C0603
4	Capacitance	2	C13, C12	20pf	C0603
5	Capacitance	2	C55, C54	30pF	C0603
6	Capacitance	6	C59, C60, C61, C62, C63, C64	390pF	C0603
7	Capacitance	3	C96, C97, C98	0. 22uF	C0603
8	Capacitance	6	C99, C100, C101, C102, C103, C104	430pF	C0603
9	Capacitance	6	C105, C106, C109, C110, C120, C121	10pF	C0603
10	Capacitance	1	C123	470pF	C0603
11	Capacitance	3	C124, C125, C126	47pF	C0603
12	Tantalum Capacitance	7	C31, C44, C45, C46, C107, C108, C129	22uF10V	1210
13	Tantalum Capacitance	6	C5, C49, C78, C90, C92, C127	10uF10V	1206
14	Inductance	3	L9, L10, L11	2. 2uH	L0603
15	Inductance	3	L18, L19, L20	3. 9uH	L0603
16	FB	9	L2, L5, L7, L8, L23, L24, L29, L30, L31	BEAD	1206
17	FB	2	L3, L6	BEAD	L1/8W
18	FB	10	L1, L13, L14, L15, L16, L17, L26, L28, L32, L34	BEAD	0805
19	FB	3	L21, L22, L25	BEAD	0603
20	Diode	1	D6	1N4148	1206
21	Transistor	3	Q1, Q2, Q3	MMBT3906	SOT-23
22	Transistor	2	Q4, Q5	MMBT3904	SOT-23
23	Resistance package	4	RP13, RP14, RP15, RP16	22R	RN8A
24	Resistance	7	R1, R2, R3, R4, R5, R6, R34	150R	R0603
25	Resistance	12	R7, R8, R9, R58, R59, R60, R80, R81, R82, R83, R85, R89	75R	R0603
26	Resistance	5	R10, R43, R44, R45, R46	1K	R0603
27	Resistance	2	R11, R25	470R	R0603
28	Resistance	9	R12, R32, R33, R36, R62, R63, R64, R68, R70	10K	R0603

Item	Name	Quantity	Reference	Part	PCB Footprint
29	Resistance	8	R13, R14, R15, R16, R17, R18R19, R20,	4k7	R0603
30	Resistance	3	R21, R22, R24	510R	R0603
31	Resistance	4	R23, R41, R42, R76	1M	R0603
32	Resistance	13	R30, R31, R40, R50, R54, R77, R78, R79, R86, R87, R104, R106, R107	0R	R0603
33	Resistance	1	R35	91R	R0603
34	Resistance	2	R61, R37	300R	R0603
35	Resistance	2	R38, R93	3. 6K	R0603
36	Resistance	1	R39	1. 6K	R0603
37	Resistance	1	R84	27K	R0603
38	Resistance	1	R88	100R	R0603
39	Resistance	3	R90, R91, R100	22R	R0603
40	Resistance	2	R95, R103	1K2	R0603
41	Resistance	3	R97, R98, R99	51R	R0603
42	Fuse	1	F1	1A	6032
43	Resistance	1	R92	0. 33R	R1/2W
44	Resistance package	1	RN1	8U4k7	SIP-9P
45	LED	3	D1, D2, D3	GREEN 3. 0mm LED	LED
46	LED	1	D4	RED 3. 0mm LED	LED
47	Diode	1	D7	1N5819	D041
48	Jack Plug	2	JP4, JP3	HEADER 4	SIP-4P
49	Jack Plug	1	JP6	HEADER 8	SIP-8P
50	Jack Plug	1	JP7	CON7	SIP-7P
51	Inductance	1	L27	220uH1A	220UH1A
52	Ceramic Capacitance	2	C131, C130	470pF	SIP-2P
53	Electrolytic Capacitnce	1	C16	220uF16V	CAP/130/320
54	Electrolytic Capacitnce	1	C17	470uF25V	CAP/200/400
55	Electrolytic Capacitnce	6	C20, C21, C22, C24, C25, C132	470uF10V	CAP/130/320

Item	Name	Quantity	Reference	Part	PCB Footprint
56	Electrolytic Capacitnce	1	C122	1000uF16V	CAP/200/400
57	S-Video	1	CON1	S-VIDEO	MINIDIN4
58	RCA Jack	1	J1	RCA JACK	RCA
59	VGA Jack	1	J2	CON VGA	VGA FM
60	VGA Jack	1	J3	CON VGA	VGA M
61	Power Jack	1	J4	CONNECTOR TWINAX-J 2	POWER-SOCKET
62	Power Switch	1	SW1	SW-SPDT	SIP-5
63	Jack Plug	5	S1, S11, S13, S14, S15	patch 2.54mm	SIP-3
64	Key	14	S2, S3, S4, S5, S6, S7, S8, S9, S10, S12, S16, S17, S18, S19	PUSHBUTTON	SW\B
65	IC Socket	1	U4	PLCC44	PGA44
66	IC	2	U1, U2	FSAV330	S0-16
67	IC	1	U3	74LS157	S0-16
68	IC	1	U4	W78E516BP	PLCC44
69	IC	1	U6	IRU1117-1.8	SOT223
70	IC	1	U5	IRU1117-3.3	SOT223
71	IC	1	U7	AL128	LQFP-160
72	IC	2	U15, U8	LM385M3-1.2	SOT-23
73	IC	1	U11	AV9173	S0-8
74	IC	1	U13	74HC86	S0-14
75	IC	1	U14	AL242	STQFP-64
76	IC	1	U16	AL251	QFP-80
77	IC	1	U18	MC34063A	DIP-8
78	IC	2	U19, U20	AL422V5 SOP	SOP28
79	Crystal	1	Y1	12MHz	XTAL10
80	Crystal	1	Y2	14.31818MHz	XTAL10
81	Crystal	1	Y3	17.734475MHz	XTAL10
82	Crystal	1	Y4	20MHz	XTAL10