

Designator	Comment	Footprint	Quantity
AUX-1	Header 4X2	DC8P	1
C1	12pF	C0603	1
C2	12pF	C0603	1
C3	10uF	C0805	1
C4	0.1uF	C0603	1
C6	0.1uF	C0603	1
C7	0.1uF	C0603	1
C8	0.1uF	C0603	1
C9	0.1uF	C0603	1
C10	0.1uF	C0603	1
C11	0.1uF	C0603	1
C12	0.1uF	C0603	1
C13	100uF	RVT	1
C14	100uF	RVT	1
C15	0.1uF	C0603	1
C16	0.1uF	C0603	1
C17	220uF	RVT	1
C18	100uF	RVT	1
C19	0.1uF	C0603	1
C20	150pF	C0603	1
C21	10uF	C0805	1
C22	10uF	C0805	1
C23	0.1uF	C0603	1
C24	0.1uF	C0603	1
C25	0.1uF	C0603	1
C26	0.1uF	C0603	1
C27	0.1uF	C0603	1
C28	0.1uF	C0603	1
C29	10uF	C0805	1
C30	10uF	C0805	1
C31	10uF	C0805	1
C32	0.1uF	C0603	1
C33	18pF	C0603	1
C34	18pF	C0603	1
C35	0.1uF	C0603	1
Cm1_M1	100uF	RVT	1
Cm1_M2	100uF	RVT	1
Cm1_M3	100uF	RVT	1
Cm1_M4	100uF	RVT	1
Cm1_M5	100uF	RVT	1
D1	LED	LED0603	1
D2	LED	LED0603	1
D3	LED	LED0603	1
D4	LED	LED0603	1
D5	S1G-13-F	D-SMA	1
D6	S1A-13-F	D-SMA	1

D7	B340A-13-F	D-SMA	1
D8	LED	LED0603	1
D9	SS12	D-SMA	1
D10	LED	LED0603	1
D11	LED	LED0603	1
D12	LED	LED0603	1
D13	LED	LED0603	1
EXP1	Header 5X2	DC10P	1
EXP2	Header 5X2	DC10P	1
F1	30A	F1206	1
F2	15A	F1206	1
F3	1A	MF-MSMF050	1
F4	500mA	MF-MSMF050	1
J1	Header 2	HDR1X2	1
J2	Header 3X2	HDR2X3	1
J3	XH-2A	XH-2A	1
J4	DG302-4P 5.0	DG302-5.0-4P	1
J5	HG129-2P	HG129-2P	1
J6	X-	XH-3A	1
J7	X+	XH-3A	1
J8	Y-	XH-3A	1
J9	Y+	XH-3A	1
J10	Z-	XH-3A	1
J11	Z+	XH-3A	1
J12	Header 5X2	HDR2X5	1
J13	Header 2	HDR1X2	1
J14	Header 2	HDR1X2	1
J15	Header 2	HDR1X2	1
J16	Header 2	HDR1X2	1
J17	Header 2	HDR1X2	1
J18	USB	USBB	1
J19_M1	Header 2	HDR1X2	1
J19_M2	Header 2	HDR1X2	1
J19_M3	Header 2	HDR1X2	1
J19_M4	Header 2	HDR1X2	1
J19_M5	Header 2	HDR1X2	1
J20	Header 3X2	HDR2X3	1
J21	XH-2A	XH-2A	1
J22	Header 3	HDR1X3	1
Jc1_M1	Header 4	HDR1X4	1
Jc1_M2	Header 4	HDR1X4	1
Jc1_M3	Header 4	HDR1X4	1
Jc1_M4	Header 4	HDR1X4	1
Jc1_M5	Header 4	HDR1X4	1
Jm3_M1	DIP16	DIP8825	1
Jm3_M2	DIP16	DIP8825	1
Jm3_M3	DIP16	DIP8825	1

Jm3_M4	DIP16	DIP8825	1
Jm3_M5	DIP16	DIP8825	1
Jm4_M1	Header 4	HDR1X4	1
Jm4_M2	Header 4	HDR1X4	1
Jm4_M3	Header 4	HDR1X4	1
Jm4_M4	Header 4	HDR1X4	1
Jm4_M5	Header 4	HDR1X4	1
JM1_M1	Header 4H	XH-4A	1
JM1_M2	Header 4H	XH-4A	1
JM1_M3	Header 4H	XH-4A	1
JM1_M4	Header 4H	XH-4A	1
JM1_M5	Header 4H	XH-4A	1
Jm2_M1	Header 4X2	HDR2X4	1
Jm2_M2	Header 4X2	HDR2X4	1
Jm2_M3	Header 4X2	HDR2X4	1
Jm2_M4	Header 4X2	HDR2X4	1
Jm2_M5	Header 4X2	HDR2X4	1
L1	15uH/3A	L7*7*4	1
LG1	BLM21	R0805	1
POWER1	129-5.08	129-5.08	1
Q1	HY1403	TO-252AA	1
Q2	HY1403	TO-252AA	1
Q3	HY1403	TO-252AA	1
Q4	HY3403	TO-252AA	1
Q5	FDN340P	SOT-23	1
R1	1M	R0603	1
R6	10K	R0603	1
R7	10K	R0603	1
R8	1.8K	R0603	1
R9	100K	R0603	1
R10	210k	R0603	1
R11	40.2k	R0603	1
R12	24.9k	R0603	1
R13	100K	R0603	1
R14	100K	R0603	1
R15	1K	R0603	1
R16	1K	R0603	1
R17	1K	R0603	1
R18	1K	R0603	1
R19	1K	R0603	1
R20	10K	R0603	1
R21	10K	R0603	1
R22	10K	R0603	1
R23	1K	R0603	1
R24	1K	R0603	1
R25	1K	R0603	1
R26	10K	R0603	1

R27	10K	R0603	1
R28	10K	R0603	1
R29	1K	R0603	1
R30	1K	R0603	1
R31	1K	R0603	1
R32	1.5K	R0603	1
R33	33	R0603	1
R34	33	R0603	1
R35	33	R0603	1
R37	100	R0603	1
R38	100	R0603	1
R39	10K	R0603	1
Rm1_M1	10K	R0603	1
Rm1_M2	10K	R0603	1
Rm1_M3	10K	R0603	1
Rm1_M4	10K	R0603	1
Rm1_M5	10K	R0603	1
RPK0	1K	RPACK4	1
RPK1	100	RPACK4	1
RPK2	100	RPACK4	1
RPK3	100	RPACK4	1
RPK4	100	RPACK4	1
RPK5	100	RPACK4	1
RPK6	100	RPACK4	1
RPK7	4.7K	RPACK4	1
RPK8	100	RPACK4	1
RPK9	10K	RPACK4	1
RPK10	10	RPACK4	1
RPK11	100K	RPACK4	1
RPK12	1.8K	RPACK4	1
S1	TS42	TS42	1
SD	microSD	microSD-2	1
TB	Header 2	XH-2A	1
TH1	Header 2	XH-2A	1
TH2	Header 2	XH-2A	1
U1	LPC1768	LQFP100	1
U2	MP1584	SOIC8E	1
U3	LM1117-3.3V	SOT223-4N	1
U4	74HC125PW	TSSOP-14	1
Y1	12MHz	CRY5032	1
Z1	CG0603MLC-05E	R0603	1
Z2	CG0603MLC-05E	R0603	1
Z3	CG0603MLC-05E	R0603	1