

RefDes	Value	URL
C1	0.1uF	<a href="https://www.digikey.com/product-detail/en/tdk-corporation/FG16C0G1H104JNT06/445-173145-1-ND/5811750">https://www.digikey.com/product-detail/en/tdk-corporation/FG16C0G1H104JNT06/445-173145-1-ND/5811750</a>
C2	0.1uF	
C3	100uF	
C4	100uF	
C5	10uF 100V	
C6	10uF 100V	
C7	10pF	
C8	10pF	
C11	0.01uF	
C12	3pF	
C13	3pF	
C14	3.3uF 50V	
C15	3.3uF 50V	
C16	0.1uF	
C17	0.1uF	
C18	22uF 50V	
C21	22uF 50V	
C22	0.1uF	
C23	0.1uF	
C24	0.1uF	
C25	0.1uF	
Q2	2N3904	<a href="https://www.digikey.com/product-detail/en/micro-commercial-co/2N3904-AP/2N3904-APCT-ND/950591">https://www.digikey.com/product-detail/en/micro-commercial-co/2N3904-AP/2N3904-APCT-ND/950591</a>
Q3	2N3906	
Q4	2N3906	
Q5	2N3904	
Q6	2N3904	
Q7	2N3906	
Q8	2N3906	
Q11	2N3904	
Q12	2N3906	
Q13	2N3904	
Q14	MJE182	
Q15	MJE172	
Q1a	2N3904	
Q1b	2N3904	
TP1	Test Point	
TP2	Test Point	
TP3	Test Point	
TP4	Test Point	
TP5	Test Point	
TP6	Test Point	
TP7	Test Point	
TP8	Test Point	
U2	LM7815CT	<a href="https://www.digikey.com/product-detail/en/stmicroelectronics/L7815ABV/497-8352-5-ND/1038268">https://www.digikey.com/product-detail/en/stmicroelectronics/L7815ABV/497-8352-5-ND/1038268</a>
U3	MC7915CT	
P1	Header – 9652038 Plug for Header Pins for Plug (x3)	<a href="https://www.digikey.com/en/products/detail/molex/0009652038/1220239">https://www.digikey.com/en/products/detail/molex/0009652038/1220239</a> <a href="https://www.digikey.com/en/products/detail/molex/0009501031/1220230">https://www.digikey.com/en/products/detail/molex/0009501031/1220230</a> <a href="https://www.digikey.com/en/products/detail/molex/0039000021/1220237">https://www.digikey.com/en/products/detail/molex/0039000021/1220237</a> <a href="https://www.digikey.com/product-detail/en/cui-inc/RCJ-021/CP-1406-ND/40849">https://www.digikey.com/product-detail/en/cui-inc/RCJ-021/CP-1406-ND/40849</a>
J20	RCA Jack – RCJ-021	
J21	RCA Jack – RCJ-021	
4	RCA Plug	
0.5m	Shielded Cable	
F1	Fuse 0.25A	<a href="https://www.digikey.com/product-detail/en/bel-fuse-inc/0697H0250-01/507-1900-ND/5208747">https://www.digikey.com/product-detail/en/bel-fuse-inc/0697H0250-01/507-1900-ND/5208747</a>
2	M3 Washer	<a href="https://www.digikey.com/product-detail/en/cui-inc/HSS-B20-0503H/102-4191-ND/7056273">https://www.digikey.com/product-detail/en/cui-inc/HSS-B20-0503H/102-4191-ND/7056273</a> <a href="https://www.digikey.com/product-detail/en/bergquist/Q3-0.005-00-90/BER130-ND/201976">https://www.digikey.com/product-detail/en/bergquist/Q3-0.005-00-90/BER130-ND/201976</a> <a href="https://www.digikey.com/product-detail/en/2673001601/1934-1545-ND/8599420/">https://www.digikey.com/product-detail/en/2673001601/1934-1545-ND/8599420/</a>
1	M3 Spring Washer	
2	M3x12 Screw	
1	M3 Nut	
HS1	Heat Sink	
2	Silpad	
2	Ferrite Bead	
1	PCB	
4	Pozidrive Screw	6-32, 0.25" long Pan Head Pozi-drive machine screw with integrated star washer

RefDes	Value	URL
CR1	1N5245	<a href="https://www.digikey.com/product-detail/en/on-semiconductor/1N5245BTR/1N5245BFSCCT-ND/1992220">https://www.digikey.com/product-detail/en/on-semiconductor/1N5245BTR/1N5245BFSCCT-ND/1992220</a>
CR2	1N5245	
CR3	1N4148	
CR4	1N4148	
CR5	1N4148	
CR6	1N5245	
CR7	1N4751	
CR8	1N4148	
CR11	1N4148	
CR12	1N4148	
CR13	1N4148	
CR14	1N4148	
CR15	1N4148	
CR16	1N4150	
CR17	1N4150	
U1	KPB204G	
R1	4.99K	<a href="https://www.digikey.com/en/products/detail/vishay-beyschlag-draloric-bc-components/MRS25000C4991FRP00/594629">https://www.digikey.com/en/products/detail/vishay-beyschlag-draloric-bc-components/MRS25000C4991FRP00/594629</a> <a href="https://www.digikey.com/en/products/detail/vishay-beyschlag-draloric-bc-components/MBB02070C5112FCT00/7351912">https://www.digikey.com/en/products/detail/vishay-beyschlag-draloric-bc-components/MBB02070C5112FCT00/7351912</a> <a href="https://www.digikey.com/en/products/detail/vishay-beyschlag-draloric-bc-components/MRS25000C2001FCT00/7351471">https://www.digikey.com/en/products/detail/vishay-beyschlag-draloric-bc-components/MRS25000C2001FCT00/7351471</a> <a href="https://www.digikey.com/en/products/detail/vishay-beyschlag-draloric-bc-components/MRS25000C4709FCT00/7351613">https://www.digikey.com/en/products/detail/vishay-beyschlag-draloric-bc-components/MRS25000C4709FCT00/7351613</a> <a href="https://www.digikey.com/en/products/detail/vishay-beyschlag-draloric-bc-components/MRS25000C4991FRP00/594629">https://www.digikey.com/en/products/detail/vishay-beyschlag-draloric-bc-components/MRS25000C4991FRP00/594629</a> <a href="https://www.digikey.com/en/products/detail/vishay-beyschlag-draloric-bc-components/MRS25000C1241FCT00/7351412">https://www.digikey.com/en/products/detail/vishay-beyschlag-draloric-bc-components/MRS25000C1241FCT00/7351412</a> <a href="https://www.digikey.com/en/products/detail/vishay-beyschlag-draloric-bc-components/MRS25000C3090FCT00/11507988">https://www.digikey.com/en/products/detail/vishay-beyschlag-draloric-bc-components/MRS25000C3090FCT00/11507988</a> <a href="https://www.digikey.com/en/products/detail/vishay-beyschlag-draloric-bc-components/MRS25000C1002FRP00/594479">https://www.digikey.com/en/products/detail/vishay-beyschlag-draloric-bc-components/MRS25000C1002FRP00/594479</a> <a href="https://www.digikey.com/en/products/detail/vishay-beyschlag-draloric-bc-components/MBB02070C4020FCT00/7351210">https://www.digikey.com/en/products/detail/vishay-beyschlag-draloric-bc-components/MBB02070C4020FCT00/7351210</a> <a href="https://www.digikey.com/en/products/detail/vishay-beyschlag-draloric-bc-components/MRS25000C1000FRP00/594477">https://www.digikey.com/en/products/detail/vishay-beyschlag-draloric-bc-components/MRS25000C1000FRP00/594477</a> <a href="https://www.digikey.com/en/products/detail/vishay-beyschlag-draloric-bc-components/MRS25000C1003FCT00/6590644">https://www.digikey.com/en/products/detail/vishay-beyschlag-draloric-bc-components/MRS25000C1003FCT00/6590644</a> <a href="https://www.digikey.com/en/products/detail/vishay-beyschlag-draloric-bc-components/MBB02070C3011FCT00/7351165">https://www.digikey.com/en/products/detail/vishay-beyschlag-draloric-bc-components/MBB02070C3011FCT00/7351165</a> <a href="https://www.digikey.com/en/products/detail/vishay-beyschlag-draloric-bc-components/MRS25000C5362FCT00/11508038">https://www.digikey.com/en/products/detail/vishay-beyschlag-draloric-bc-components/MRS25000C5362FCT00/11508038</a> <a href="https://www.digikey.com/en/products/detail/vishay-beyschlag-draloric-bc-components/MRS25000C3309FCT00/7351561">https://www.digikey.com/en/products/detail/vishay-beyschlag-draloric-bc-components/MRS25000C3309FCT00/7351561</a> <a href="https://www.digikey.com/en/products/detail/vishay-beyschlag-draloric-bc-components/MRS25000C3608FCT00/7352048">https://www.digikey.com/en/products/detail/vishay-beyschlag-draloric-bc-components/MRS25000C3608FCT00/7352048</a> <a href="https://www.digikey.com/en/products/detail/vishay-beyschlag-draloric-bc-components/MRS25000C2003FRP00/594534">https://www.digikey.com/en/products/detail/vishay-beyschlag-draloric-bc-components/MRS25000C2003FRP00/594534</a> <a href="https://www.digikey.com/en/products/detail/vishay-beyschlag-draloric-bc-components/MRS25000C5608FCT00/7351638">https://www.digikey.com/en/products/detail/vishay-beyschlag-draloric-bc-components/MRS25000C5608FCT00/7351638</a> <a href="https://www.digikey.com/en/products/detail/vishay-beyschlag-draloric-bc-components/MRS25000C2209FCT00/7351498">https://www.digikey.com/en/products/detail/vishay-beyschlag-draloric-bc-components/MRS25000C2209FCT00/7351498</a>
R2	51.1K	
R3	2K	
R4	2K	
R5	47R	
R6	47R	
R7	4.99K	
R8	1.24K	
R11	309R	
R12	10K	
R13	10K	
R14	402R	
R15	402R	
R16	100R	
R17	100R	
R18	100K	
R21	3.01K	
R22	53.6K	
R23	3.01K	
R24	47R	
R25	47R	
R26	33R	
R27	33R	
R28	3.6R	
R31	2K	
R32	200K	
R33	200K	
R34	2K	
R35	3.6R	
R36	5.6R	
R37	5.6R	
R38	22R	