





| No. | Quantity | Comment | Designator | Footprint | Value | Manufacturer Part | Manufacturer | Supplier Part | Supplier |
|-----|----------|---------------------|--|---|-------|-----------------------|---------------|---------------|----------|
| 1 | 2 | 20pF | C1,C10 | C0603 | 20pF | CC0603JRN PO9BN200 | YAGEO(国巨) | C105621 | LCSC |
| 2 | 18 | 100nF | C2,C3,C5,C6,C7,C8,C9,C11,C13,C15,C21,C22,C23,C28,C29,C30,C31,C32 | C0603 | 100nF | CL10B104KB 8NNNC | SAMSUNG(三星) | C1591 | LCSC |
| 3 | 1 | 10uF | C4 | CAP-SMD_L 3.2-W1.6-RD | 10uF | CA45-A-16V- 10uF-K | CEC(振华新云) | C128254 | LCSC |
| 4 | 3 | 1uF | C12,C14,C18 | C0603 | 1uF | CL10A105KB 8NNNC | SAMSUNG(三星) | C15849 | LCSC |
| 5 | 1 | 1nF | C16 | C1206 | 1nF | 1206B102K2 02NT | FH(风华) | C9196 | LCSC |
| 6 | 2 | 12pF | C17,C19 | C0603 | 12pF | CL10C120JB 8NNNC | SAMSUNG(三星) | C38523 | LCSC |
| 7 | 1 | 10uF | C20 | C1206 | 10uF | CL31A106KA HNNNE | SAMSUNG(三星) | C9807 | LCSC |
| 8 | 3 | 22uF | C24,C25,C27 | C0805 | 22uF | CL21A226M AQNNNE | SAMSUNG(三星) | C45783 | LCSC |
| 9 | 1 | 47pF | C26 | C0603 | 47pF | CL10C470JB 8NNNC | SAMSUNG(三星) | C1671 | LCSC |
| 10 | 1 | JL396R-3960 2G01 | CN1 | CONN-TH_2 P-P3.96_JIL N_JL396R-3 9602G01 | | JL396R-3960 2G01 | JILN(锦凌) | C2913368 | LCSC |
| 11 | 2 | D-DMR009P F-D002 | DSUB1,DSUB2 | DSUB-TH_D MR-9S | | D-DMR009P F-D002 | Ckmtw(灿科盟) | C141882 | LCSC |
| 12 | 2 | PZ254V-11-0 4P | H1,H2 | HDR-TH_4P- P2.54-V-M | | PZ254V-11-0 4P | XFCN(兴飞) | C492403 | LCSC |
| 13 | 1 | B1601S | L1 | SMD-16_L12 .7-W7.0-P1.2 7-LS9.5-BL | | B1601S | CND-tek(磁联达) | C510548 | LCSC |
| 14 | 1 | 10uH | L2 | IND-SMD_L7 .3-W6.8 | 10uH | FXL0630-100 -M | cjiang(长江微电) | C167223 | LCSC |
| 15 | 1 | NCD0603R1 | LED1 | LED0603-RD _RED | | NCD0603R1 | 国星光电 | C84263 | LCSC |
| 16 | 1 | SI2305 | Q1 | SOT-23-3_L2 .9-W1.3-P1.9 0-LS2.4-BR | | SI2305 | Hottech(合科泰) | C181088 | LCSC |
| 17 | 2 | 10k | R1,R2 | R0603 | 10k | RC0603FR-0 710KL | YAGEO(国巨) | C98220 | LCSC |
| 18 | 1 | 5.1k | R3 | R0603 | 5.1k | 0603WAJ051 2T5E | UNI-ROYAL(厚声) | C26000 | LCSC |
| 19 | 4 | 75 | R4,R5,R6,R7 | R0603 | 75 | 0603WAF75 0JT5E | UNI-ROYAL(厚声) | C4275 | LCSC |
| 20 | 2 | 470 | R8,R9 | R0603 | 470 | 0603WAF47 00T5E | UNI-ROYAL(厚声) | C23179 | LCSC |
| 21 | 1 | 22 | R10 | R0603 | 22 | 0603WAF22 0JT5E | UNI-ROYAL(厚声) | C23345 | LCSC |

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| 22 | 1 | 100k | R11 | R0603 | 100k | RC0603FR-07100KL | YAGEO(国巨) | C14675 | LCSC |
| 23 | 1 | 13.7k | R12 | R0603 | 13.7k | 0603WAF1372T5E | UNI-ROYAL(厚声) | C22793 | LCSC |
| 24 | 2 | 10k | R13,R14 | R0603 | 10k | 0603WAF1002T5E | UNI-ROYAL(厚声) | C25804 | LCSC |
| 25 | 1 | R-RJ45R08P-C000 | RJ1 | RJ45-TH_R-RJ45R08P-C000 | | R-RJ45R08P-C000 | Ckmtw(灿科盟) | C386757 | LCSC |
| 26 | 4 | M3螺丝 | SCREW1,SCREW2,SCREW3,SCREW4 | M3螺丝 | | | | | |
| 27 | 1 | TS-1088-AR02016 | SW1 | SW-SMD_L3.9-W3.0-P4.45 | | TS-1088-AR02016 | XUNPU(讯普) | C720477 | LCSC |
| 28 | 1 | AMS1117-3.3 | U1 | SOT-223-4 L6.5-W3.5-P2.30-LS7.0-BR | | AMS1117-3.3 | UMW(友台半导体) | C347222 | LCSC |
| 29 | 6 | H3V3HD3U | U2,U3,U8,U9,U10,U11 | SOD-323_L1.7-W1.3-LS2.7-RD | | H3V3HD3U | R+O(宏嘉诚) | C20615801 | LCSC |
| 30 | 1 | CH390D | U4 | QFN-20_L3.0-W3.0-P0.40-BL-EP1.7 | | CH390D | WCH(南京沁恒) | C41380359 | LCSC |
| 31 | 1 | TPS54302D DCR | U5 | SOT-23-6_L2.9-W1.6-P0.95-LS2.8-BL | | TPS54302D DCR | TI(德州仪器) | C311983 | LCSC |
| 32 | 1 | H24VND3BA | U6 | SOD-323_L1.8-W1.3-LS2.7-BI | | H24VND3BA | R+O(宏嘉诚) | C20615815 | LCSC |
| 33 | 1 | TPT3232E-SO3R | U7 | SOP-16_L9.9-W3.9-P1.27-LS6.0-BL | | TPT3232E-SO3R | 3PEAK(思瑞浦) | C2887186 | LCSC |
| 34 | 1 | STM32F103R8T6 | U12 | LQFP-64_L10.0-W10.0-P0.50-LS12.0-BL | | STM32F103R8T6 | ST(意法半导体) | C46034 | LCSC |
| 35 | 1 | 8MHz | X1 | CRYSTAL-SMD_4P-L3.2-W2.5-BL | 8MHz | X32258MSB4SI | YXC(扬兴晶振) | C2682774 | LCSC |
| 36 | 1 | 25MHz | X2 | CRYSTAL-SMD_4P-L3.2-W2.5-BL | 25MHz | X322525MOB4SI | YXC(扬兴晶振) | C9006 | LCSC |
| 37 | 1 | BZT52C5V1 | ZD1 | SOD-123_L2.8-W1.8-LS3.7-RD | | BZT52C5V1 | CJ(江苏长电/长晶) | C2117 | LCSC |





