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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Quantity | Comment | Designator | Footprint | Value | Manufacturer Part | Manufacturer | Supplier Part | Supplier |
| 1 | 2 | 0.1uF | C1, C3 | C0603 | 0.1uF |  |  |  |  |
| 2 | 4 | 10uF | C2, C4, C5, C6 | C0603 | 10uF |  |  |  |  |
| 3 | 1 | DF40C-40DP-0.4V(51) | CN1\_female1 | CONN-SMD\_DF40C-40DP-0.4V |  | DF40C-40DP-0.4V(51) | HRS(广濑) | C424643 | LCSC |
| 4 | 1 | PMEG2010EPK,315 | D1 | SOD1608\_L1.6-W0.8-LS1.6-RD |  | PMEG2010EPK,315 | Nexperia(安世) | C552829 | LCSC |
| 5 | 1 | AFC01-S08FCA-00 | FPC3 | FPC-SMD\_P0.50-8P\_FGS-XJ-H2.0 |  | AFC01-S08FCA-00 | JS(钜硕电子) | C262657 | LCSC |
| 6 | 1 | XL-1005UGC\_C2856703 | LED1 | LED0402-RD\_GREEN |  | XL-1005UGC | XINGLIGHT(成兴光) | C2856703 | LCSC |
| 7 | 1 | IRLML6401TRPBF | Q2 | SOT-23-3\_L2.9-W1.3-P1.90-LS2.4-BR |  | IRLML6401TRPBF | TECH PUBLIC(台舟) | C5182042 | LCSC |
| 8 | 2 | IRLML6244TRPBF | Q5, Q6 | SOT-23-3\_L2.9-W1.3-P1.90-LS2.4-BR |  | IRLML6244TRPBF | Infineon(英飞凌) | C143946 | LCSC |
| 9 | 1 | 5.1k | R1 | R0603 | 5.1k |  |  |  |  |
| 10 | 1 | 4.7K | R3 | R0402 | 4.7k | RC0402FR-0710KL | YAGEO(国巨) | C60490 | LCSC |
| 11 | 2 | 10K | R4, R5 | R0603 | 10K |  |  |  |  |
| 12 | 2 | 1TS015A-1500-0600-CT | SW1, SW2 | SW-SMD\_L3.0-W2.0-LS3.5 |  | 1TS015A-1500-0600-CT | HYP(鸿源精密) | C319434 | LCSC |
| 13 | 1 | DOUBLE\_DRV8210 | U2 | DOUBLE\_DRV8210 |  |  |  |  |  |
| 14 | 1 | SGM2212-3.3XKC3G/TR | U5 | SOT-223-4\_L6.5-W3.5-P2.30-LS7.0-BR |  | SGM2212-3.3XKC3G/TR |  | C9900018517 | LCSC |
| 15 | 1 | RED LED | U6 | LED0402-R-RD |  | RED LED | YONGYUTAI(永裕泰) | C20608784 | LCSC |
| 16 | 1 | MicroQTJ | USB1 | MICRO-USB-SMD\_MICROQTJ-5P |  | MicroQTJ | SHOU HAN(首韩) | C404968 | LCSC |