|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Designator | Device | Footprint | Mid X | Mid Y | Ref X | Ref Y | Pad X | Pad Y | Pins | Layer | Rotation | SMD |
| C1 | CAP\_0603 | C0603 | 6.604mm | -15.113mm | 6.604mm | -15.113mm | 6.604mm | -15.813mm | 2 | T | 90 | Yes |
| C2 | CAP\_0603 | C0603 | 10.033mm | -3.302mm | 10.033mm | -3.302mm | 10.033mm | -2.602mm | 2 | T | 270 | Yes |
| C3 | CAP\_0603 | C0603 | 7.62mm | -9.271mm | 7.62mm | -9.271mm | 7.62mm | -8.571mm | 2 | T | 270 | Yes |
| C4 | CAP\_0603 | C0603 | 14.224mm | -3.048mm | 14.224mm | -3.048mm | 14.224mm | -2.348mm | 2 | T | 270 | Yes |
| C5 | CAP\_0603 | C0603 | 6.985mm | -19.685mm | 6.985mm | -19.685mm | 6.285mm | -19.685mm | 2 | T | 0 | Yes |
| C6 | CAP\_0603 | C0603 | 18.796mm | -23.749mm | 18.796mm | -23.749mm | 18.096mm | -23.749mm | 2 | T | 0 | Yes |
| FPC3 | AFC01-S08FCA-00 | FPC-SMD\_P0.50-8P\_FGS-XJ-H2.0 | 3.556mm | -13.716mm | 3.556mm | -13.716mm | 4.896mm | -11.966mm | 10 | B | 270 | Yes |
| LED1 | XL-1005UGC\_C2856703 | LED0402-RD\_GREEN | 24.765mm | -2.159mm | 24.765mm | -2.159mm | 24.765mm | -1.621mm | 2 | T | 270 | Yes |
| Q2 | IRLML6401TRPBF\_C5182042 | SOT-23-3\_L2.9-W1.3-P1.90-LS2.4-BR | 2.921mm | -3.556mm | 2.921mm | -3.556mm | 1.921mm | -4.506mm | 3 | B | 180 | Yes |
| Q3 | IRLML6401TRPBF\_C5182042 | SOT-23-3\_L2.9-W1.3-P1.90-LS2.4-BR | 25.146mm | -3.81mm | 25.146mm | -3.81mm | 26.146mm | -2.86mm | 3 | B | 0 | Yes |
| Q4 | IRLML6401TRPBF\_C5182042 | SOT-23-3\_L2.9-W1.3-P1.90-LS2.4-BR | 24.765mm | -23.114mm | 24.765mm | -23.114mm | 25.765mm | -22.164mm | 3 | B | 0 | Yes |
| R1 | Res\_0603 | R0603 | 18.034mm | -3.048mm | 18.034mm | -3.048mm | 18.034mm | -3.801mm | 2 | T | 90 | Yes |
| R3 | 4.7K | R0402 | 21.844mm | -4.953mm | 21.844mm | -4.953mm | 21.411mm | -4.953mm | 2 | T | 0 | Yes |
| R4 | Res\_0603 | R0603 | 21.844mm | -7.366mm | 21.844mm | -7.366mm | 21.091mm | -7.366mm | 2 | T | 0 | Yes |
| R5 | Res\_0603 | R0603 | 22.352mm | -22.606mm | 22.352mm | -22.606mm | 22.352mm | -21.853mm | 2 | T | 270 | Yes |
| SW1 | 1TS015A-1500-0600-CT | SW-SMD\_L3.0-W2.0-LS3.5 | 5.969mm | -24.13mm | 5.969mm | -24.13mm | 7.619mm | -24.13mm | 2 | B | 180 | Yes |
| SW2 | 1TS015A-1500-0600-CT | SW-SMD\_L3.0-W2.0-LS3.5 | 20.193mm | -24.13mm | 20.193mm | -24.13mm | 21.843mm | -24.13mm | 2 | B | 180 | Yes |
| U2 | DOUBLE\_DRV8210 | DOUBLE\_DRV8210 | 13.854mm | -7.858mm | 6.35mm | -12.954mm | 5.715mm | -9.144mm | 12 | B | 0 | Yes |
| U5 | SGM2212-3.3XKC3G/TR | SOT-223-4\_L6.5-W3.5-P2.30-LS7.0-BR | 22.098mm | -18.034mm | 22.098mm | -18.034mm | 24.933mm | -15.734mm | 4 | B | 0 | Yes |
| U6 | YLED0402G | LED0402-R-RD | 1.905mm | -2.159mm | 1.905mm | -2.159mm | 1.905mm | -1.536mm | 2 | T | 90 | Yes |
| USB1 | MicroQTJ | MICRO-USB-SMD\_MICROQTJ-5P | 13.462mm | -22.479mm | 13.462mm | -22.479mm | 14.762mm | -21.027mm | 9 | B | 180 | Yes |
| CN1\_female1 | DF40C-40DP-0.4V(51) | CONN-SMD\_DF40C-40DP-0.4V | 13.462mm | -13.335mm | 13.462mm | -13.335mm | 12.007mm | -9.535mm | 44 | T | 270 | Yes |
| D1 | PMEG2010EPK,315 | SOD1608\_L1.6-W0.8-LS1.6-RD | 19.05mm | -21.082mm | 19.05mm | -21.082mm | 18.466mm | -21.082mm | 2 | T | 0 | Yes |