

| Value              | Ref                | Footprint                                      | LCSC     | # | Quantity |
|--------------------|--------------------|------------------------------------------------|----------|---|----------|
| 100nF              | C1,C6,C9           | C_0805_2012Metric_Pad1.18x1.45mm_HandSolder    | C49678   | 3 |          |
| 220pF              | C10                | C_0805_2012Metric_Pad1.18x1.45mm_HandSolder    | C107145  | 1 |          |
| 1nF                | C11,C7             | C_0805_2012Metric_Pad1.18x1.45mm_HandSolder    | C94121   | 2 |          |
| 10nF 1000V         | C2,C3,C8           | C_1206_3216Metric_Pad1.33x1.80mm_HandSolder    | C9194    | 3 |          |
| 100uF              | C4,C5              | CP_Elec_5x5.3                                  | C445083  | 2 |          |
| Green              | D1                 | LED_0805_2012Metric_Pad1.15x1.40mm_HandSolder  | C84260   | 1 |          |
| ES1J               | D2,D3,D4           | D_SMAF                                         | C232830  | 3 |          |
| LED_RED            | D5                 | LED_0805_2012Metric_Pad1.15x1.40mm_HandSolder  | C965812  | 1 |          |
| Fuse_Small         | F1                 | Fuse_0805_2012Metric_Pad1.15x1.40mm_HandSolder | C883111  | 1 |          |
| Conn_01x03_Pin     | J1                 | JST_XH_B3B-XH-A_1x03_P2.50mm_Vertical          | C144394  | 1 |          |
| 100uH              | L1                 | L_Bourns_SRP7028A_7.3x6.6mm                    | C2894722 | 1 |          |
| 10mH               | L2                 | L_Radial_D7.2mm_P3.00mm_Murata_1700            | C5380230 | 1 |          |
| MMBTA42            | Q1                 | D_SOT-23                                       | C181172  | 1 |          |
| MMBT3904           | Q2,Q3              | D_SOT-23                                       | C916374  | 2 |          |
| 4KΩ                | R1                 | R_0805_2012Metric_Pad1.20x1.40mm_HandSolder    | C23179   | 1 |          |
| 100KΩ              | R10                | R_0805_2012Metric_Pad1.20x1.40mm_HandSolder    | C96346   | 1 |          |
| 10MΩ               | R11,R2,R3,R4,R5,R6 | R_0805_2012Metric_Pad1.20x1.40mm_HandSolder    | C107700  | 6 |          |
| 470KΩ              | R12,R17            | R_0805_2012Metric_Pad1.20x1.40mm_HandSolder    | C17709   | 2 |          |
| 47KΩ               | R13                | R_0805_2012Metric_Pad1.20x1.40mm_HandSolder    | C17713   | 1 |          |
| 100Ω               | R14                | R_0805_2012Metric_Pad1.20x1.40mm_HandSolder    | C17408   | 1 |          |
| 10KΩ               | R15                | R_0805_2012Metric_Pad1.20x1.40mm_HandSolder    | C84376   | 1 |          |
| 0Ω                 | R16                | R_0805_2012Metric_Pad1.20x1.40mm_HandSolder    | C17477   | 1 |          |
| 68KΩ               | R7,R9              | R_0805_2012Metric_Pad1.20x1.40mm_HandSolder    | C2933415 | 2 |          |
| 3KΩ                | R8                 | R_0805_2012Metric_Pad1.20x1.40mm_HandSolder    | C2907263 | 1 |          |
| 100Ω               | RV1                | Potentiometer_Bourns_TC33X_Vertical            | C911390  | 1 |          |
| SW_Nidec_CAS-120A1 | SW1                | SW_SPDT_PCM12                                  | C109335  | 1 |          |
| NE555D             | U1,U2              | SOIC-8_3.9x4.9mm_P1.27mm                       | C596355  | 2 |          |