 Honey Bees Technology Club

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sr.No** | **Part Name** | **Value** | **Package** | **Details** | **Quantity** |
| 1 | **Resistors** | 560E |  | 1/2W |  |
|  |  | 470E |  | 1/2W |  |
|  |  | 22R | 1206 |  |  |
|  |  | 470E | 1206 |  |  |
|  |  | 1K | 1206 |  |  |
|  |  | 10K | 1206 |  |  |
|  |  |  |  |  |  |
| 2 | **Capacitors** | 0.1uF | 1206 | Ceramic |  |
|  |  | 1uF | 1206 |  |  |
|  |  | 10uF | 1206 |  |  |
|  |  | 18pF | 1206 |  |  |
|  |  |  |  |  |  |
| 3 | **TRIAC** | BTA16 | TO-220 |  |  |
|  |  |  |  |  |  |
| 4 | **MOV** | 270VAC |  |  |  |
|  |  |  |  |  |  |
| 5 | **IR Receiver** | PNA460XM | TSOP | IR 38KHz Receiver |  |
|  |  |  |  |  |  |
| 6 | **3.3V Regulator** | 3.3V\_REG\_LDOSMD | SOT23-5 |  |  |
|  |  |  |  |  |  |
| 7 | **Fuse** | PTCSMD | PTC-1206 |  |  |
|  |  |  |  |  |  |
| 8 | **Crystal** | 16 Mhz | HC49UP |  |  |
|  |  |  |  |  |  |
| 9 | **LEDs** | RED | 1260 |  |  |
|  |  | Blue | 1206 |  |  |
|  |  | Green | 1206 |  |  |
| 10 | **Opto-Triac** | MOC3083 | DIL |  |  |
|  |  |  |  |  |  |
| 11 | **MORNSUN AC/DC converter** | AC-DC converter module | DIL | 5V/2A |  |

Note: Capsence Sensors, MORNSUN AC-DC PCB mount power supply.