|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Value** | **Qnty** | **Link** |
| Resistors | 10KΩ | 20 |  |
|  | 4.7KΩ | 20 |  |
|  | 1KΩ | 20 |  |
|  | 5.6KΩ (POT) | 2 |  |
|  | 10KΩ (POT) | 2 |  |
|  | 330Ω | 20 |  |
|  | 100Ω | 20 |  |
|  |  |  |  |
| Capacitors | 1000uF 35V | 5 |  |
|  | 220uF 16V | 10 |  |
|  | 100uF 16V | 10 |  |
|  |  |  |  |
| Diode | 1N4007 | 20 |  |
|  | LED (R+G+Y) | 10 + 10 + 10 |  |
|  |  |  |  |
| Jumper Wire | Male-Male | 10 | https://www.techshopbd.com/product-categories/connector/1135/male-to-female-jumper-wire-single-techshop-bangladesh |
|  | Male-Female | 10 |  |
|  | Female-Female | 10 |  |
|  |  |  |  |
| Transistor | NPN: C1815 | 10 | https://www.techshopbd.com/search-results?search%5Btype%5D=Product&search%5Bq%5D=C1815 |
|  |  |  |  |
| Relay | 12V | 2 | https://www.techshopbd.com/product-categories/breakout-boards/1166/12v-relay-breakout-board-single-techshop-bangladesh |
|  |  |  |  |
| DC Motor | 12V | 1 | https://www.techshopbd.com/product-categories/motors/249/dc-motor-12v-techshop-bangladesh |
| Stepper Motor |  | 1 | https://www.techshopbd.com/product-categories/motors/1010/bipolar-stepper-motor-techshop-bangladesh |
|  |  |  |  |
| H-Bridge Driver | L293D | 2 | https://www.techshopbd.com/product-categories/drivers/208/l293d-techshop-bangladesh |
|  |  |  |  |
| Push Button | Small | 5 | https://www.techshopbd.com/product-categories/switch/543/push-switch-techshop-bangladesh |
|  |  |  |  |
| Transformer | 12-0-12 1Amp | 1 | https://www.techshopbd.com/product-categories/transformer/537/transformer-12v-1a-techshop-bangladesh |
|  |  |  |  |
| AC Cable | 220V | 1 | https://www.techshopbd.com/product-categories/cable/245/power-cable-2-pin-techshop-bangladesh |
|  |  |  |  |
| Voltage Regulator | LM7805 | 2 | https://www.techshopbd.com/product-categories/linear/109/lm7805-techshop-bangladesh |
|  | LM317 | 2 | https://www.techshopbd.com/product-categories/linear/95/lm317t-techshop-bangladesh |
|  |  |  |  |
| Multi Meter | Digital | 1 | https://www.techshopbd.com/product-categories/meters/1058/sanwa-cd800a-digital-multimeter-techshop-bangladesh |
|  |  |  |  |
| Soldering Iron | 40 Watt | 1 | https://www.techshopbd.com/product-categories/soldering/5/soldering-iron-40w-techshop-bangladesh |
|  | Stand | 1 | https://www.techshopbd.com/product-categories/soldering/10/soldering-iron-stand-techshop-bangladesh |
|  |  |  |  |
| Soldering Lead | Thin | 1 | https://www.techshopbd.com/product-categories/soldering/966/solder-lead-mini-techshop-bangladesh |
|  |  |  |  |
| Project Board | Good Quality | 1 Or 2 | https://www.techshopbd.com/product-categories/project-board/231/breadboard-techshop-bangladesh |
|  |  |  |  |
| McU | ATMEGA16 | 1 Or 2 | https://www.techshopbd.com/product-categories/avr/133/atmega16a-techshop-bangladesh |
|  |  |  |  |
| LCD Display | 16x2 | 1 | https://www.techshopbd.com/product-categories/lcd/254/lcd-display-16x2-techshop-bangladesh |
|  |  |  |  |
| Rail (Single) | Male | 2 | https://www.techshopbd.com/product-categories/connector/549/male-connector-techshop-bangladesh |
|  |  |  |  |
| Keypad | 4x4 | 1 | https://www.techshopbd.com/product-categories/key-pad/658/matrix-key-pad-4-x-4-techshop-bangladesh |
|  |  |  |  |
| Temp Sensor | LM35 | 1 | https://www.techshopbd.com/product-categories/sensors/239/lm35-techshop-bangladesh |
|  |  |  |  |
| 7Segment | Big For Clock | 4 | https://www.techshopbd.com/product-categories/7-segment/1099/7-segment-digit-big-techshop-bangladesh |
|  |  |  |  |
| USB-Serial Converter |  | 1 | https://www.techshopbd.com/product-categories/breakout-boards/1268/cp2102-usb-uart-board-type-a-techshop-bangladesh |
|  |  |  |  |
| RF Module |  | 1 Pair | https://www.techshopbd.com/product-categories/rf/1339/rf-transmitter-receiver-pair-433-mhz-techshop-bangladesh |
|  |  |  |  |
| Power Supply | 5V | 1 |  |
|  | 12V | 1 | https://www.techshopbd.com/product-categories/charger/1501/12v-2-0a-power-adapter-techshop-bangladesh |
|  |  |  |  |
| LDR |  | 2 | https://www.techshopbd.com/product-categories/light/162/ldr-techshop-bangladesh |
|  |  |  |  |
| PIR Motion Sensor |  | 1 | https://www.techshopbd.com/product-categories/motion/1336/hc-sr501-pir-sensor-module-techshop-bangladesh |
|  |  |  |  |
| RTC | DS1307 |  | https://www.techshopbd.com/product-categories/rtc/172/ds1307-techshop-bangladesh |
|  | Crystal | 32.768KHz | https://www.techshopbd.com/product-categories/crystal-oscillator/173/32-768-khz-techshop-bangladesh |
|  | CMOS Battery |  |  |
|  | Battery Case |  |  |
|  |  |  |  |