

| Component           | Quantity |
|---------------------|----------|
| Atmega 328P         | 1        |
| Chip Holder         | 1        |
| 16MHz Quartz        | 1        |
| 22Pf Capacitor      | 2        |
| 12V/24V Relay       | 12       |
| LM7812              | 1        |
| Heat Sink           | 1        |
| 5MM LED             | 12       |
| 0.33Uf Capacitor    | 1        |
| 100Uf 25V Capacitor | 2        |
| BC547 Transistor    | 12       |
| 1N4007 Diode        | 12       |
| 10K Resistor        | 9        |
| 1K Resistor         | 12       |
| 470R Resistor       | 12       |
| 8-Pins Switch       | 1        |
| AMS1117 5V REG      | 1        |
| PCB Board           | 1        |
| PCB Mask (optional) | 1        |