|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Master Car | | Slave Car 1 | | Slave Car 2 |
| L293D | 1 | | 1 | | 1 |
| Bluetooth | 1 | | 0 | | 0 |
| IR LED Infrared Emitters | 1 | | 0 | | 0 |
| TSOP1738 Infrared Receivers  *Infrared Receivers 38kHz IR Receiver* | 0 | | 1 | | 1 |
| LEDS | 4 *( different colors)* | | 4 *( different colors)* | | 4 *( different colors)* |
| Atmega16 | 1 | | 1 | | 1 |
| ESP32 (optional) | 1 | | 1 | | Excluded |
| Battery | ANY | | | | |
| Battery Holder | 3 typical holders | | | | |
| Wheels | 4 | | 4 | | 4 |
| Chassis | 3 typical chassis | | | | |
| Jumpers | ANY | | | | |
| 220 ohm | 4 | 4 | | 4 | |
| Breadboard | 1 | 1 | | 1 | |
| BC547 transistor | 2 | 0 | | 0 | |
| Electrical switch  *(power on/off)* | 1 | 1 | | 1 | |
| 10 kohm | 1 | 1 | | 1 | |
| 100 E | 1 | 1 | | 1 | |
| 4.7 uF Cap | 0 | 1 | | 1 | |

**Avometer is required.**

**كاوية لحام is required**

**Crystal 16MZHs is a favorable with suitable capacitors**

**Double face is required**