**MOTOR**

|  |  |  |
| --- | --- | --- |
| **LED Designator** | **Pin** | **Description** |
| D3 | P0.29 | Motor Heartbeat |
| D4 | P0.30 | DC |
| D5 | P1.19 | Servo |

**BRIDGE**

|  |  |  |
| --- | --- | --- |
| **LED Designator** | **Pin** | **Description** |
| D6 | P0.29 | Bridge Heartbeat |
| D7 | P0.30 | Bluetooth |

**GEOGRAPHICAL**

|  |  |  |
| --- | --- | --- |
| **LED Designator** | **Pin** | **Description** |
| D9 | P0.29 | Geographical Heartbeat |
| D8 | P0.30 | GPS |
| D10 | P1.19 | Compass |

**SENSOR**

|  |  |  |
| --- | --- | --- |
| **LED Designator** | **Pin** | **Description** |
| D11 | P0.29 | Sensor Heartbeat |
| D12 | P0.30 | Left Obstacle |
| D13 | P1.19 | Right Obstacle |
| D14 | P1.20 | Front Obstacle |
| D15 | P1.22 | Back Obstacle |

**MASTER**

|  |  |  |
| --- | --- | --- |
| **LED Designator** | **Pin** | **Description** |
| D16 | P0.29 | Sensor Heartbeat |
| D17 | P0.30 | Motor Heartbeat |
| D18 | P1.19 | Bridge Heartbeat |
| D19 | P1.20 | Geo Heartbeat |