|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Serial no** | **Subfunctions** | **Means 1** | **Means 2** | **Means 3** | **Means 4** |
| **1.** | **Swinging motion** | **Stepper motor** | **BLDC motor** | **Swing DC motor** | **Servo motor** |
| **2.** | **Monitoring the movement** | **Microwave sensor** | **Passive infrared sensor** | **Contact sensor** |  |
| **3.** | **Placing toys** | **Marry go round cot mobile** | **Little innocents rattles** |  |  |
| **4.** | **Playing music** | **Bluetooth chip** | **Integrated chip** | **External speakers** |  |
| **5.** | **Baby crying detection** | **Dynamic microphone** | **Carbon microphone** | **High amplitude presence microphone** |  |
| **6.** | **Sensing the presence of baby** | **Infrared sensor** | **Capacitive** | **Ultrasonic** |  |
| **7.** | **Temperature in cradle** | **Pyrometer** | **Thermometer** | **Moisture sensor** |  |
| **8.** | **Speed controller for cradle** | **Stepper motors** | **DC motor** |  |  |