Block Directory

MODI
CONNECT & CREATE

Input Modules

Ultrasonic module

Measures distance
(50 cm to 450 cm)

Mic module

Measures the volume
and frequency of sounds

Dial module

Measures the rotation value
and rotational velocity of
the dial

Environment module

Measures temperature,
humidity, illuminance and
RGB brightness

Gyroscope module

Measures angles,
acceleration and angular
velocity based on the X,
Y and Z axes

Button module

Detects clicks, double
clicks, pressure status
and toggle

IR module

Measures proximity
(0% to 100%)

Output Modules

Speaker module
Outputs sounds in different notes and intensities

Environment module
Emits light of different colors using an RGB value

Display module
Measures the volume and frequency of sounds

Motor controller module
Controls one or two motors with one controller

Motor module
Outputs rotary movements according to the angles, speeds, and forces

Setup Modules

Network module
Supports USB, Bluetooth and WiFi communication

Battery module
Supplies power