

AhmedOsama_RonBroomstick

How it works:

- ❖ Initialize the IMU
- ❖ Configure the Gyroscope to work on Full Scale Range of 500 degree/sec
- ❖ Calibrate the IMU
- ❖ Calculate time taken each sensor reading
- ❖ Reading from gyroscope
- ❖ Calculate the angular velocity
- ❖ Calculate pitch and roll
- ❖ If one of the two angles exceeds 60 degree the red led flashes