**Fluxograma MPU6050 – Sensor de Inércia**

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Does it work?

return 0x68

Begin

Verify the connection between MPU and the target.

whoami ( )

3

i =< 3 ?

3

i = i + 1

yes

no

Configure sensor.

MPU6050\_WriteReg8 ( )

1

Connection error.

End

Does it work?

kStatus\_I2C\_Success

1

2

yes

no

2

yes

no

Read data written by MPU6050.

ReadPinInput ( )

Set the variables.

a\_x g\_x

a\_y g\_y

a\_z g\_z