SYSTEM\_MODE(MANUAL) = always stay disconnected to cloud

SYSTEM\_MODE(SEMI\_AUTOMatic)=connect/disconnect depending on necessity

To flash phoron from cloud you need to be inside loop().

When TcpClien class is called (.connect() method in particular) phoron automatically disconnects from cloud.

https://community.particle.io/t/photon-transmission-over-wifi-no-cloud/17479

To flash locally from usb (and solve issue of non connection to cloud)

particle **compile photon** test2.ino I2Cdev.cpp I2Cdev.h MPU6050.cpp MPU6050.h helper\_3dmath.h MPU6050\_6Axis\_MotionApps20.h MPU6050\_9Axis\_MotionApps41.h **--saveTo** firmware.bin

Particle flash **--usb** firmware.bin