##Drone gyroscope ##
interface: SPT Device: I36425D? I think its the L30620
7. How do we setup SPT? 2. How do; tensor which sp. touse? J. How does SPT work?
<i>S</i> .
- Syncronous (SCIK) - MOSI (Meester out slave in) - MISO (master in slave out) - SS (Slave Select) (active lous)
So muster slave protocal where you can have multiple slaves. You just need a slave select for each! SS is instead of an address.
2. User Maporal SPI7
SAS-SCK + doubt get SS? SAG-MISO * PAHIS NSS which : I PAT-MOST think :s the same.
XI think the sensor is configured for SPI so we doubt have to do it.

Its alternative function 5 on all pins. APB2 - Is the Bos RCC. APBIENR. SPILEN = 1 to enulose lock ... 48 132 KSTR. SPIIRST = 1 to reset Reference Manuel 30.5.7 Show how to configure. Ne can use the had SPI interface What Device 658I need a way to by the E24 how So the device is giving us garbages. Li we should check the who that. 2. "Le should also checke hertz. 3. then ask someone for help. 2. Seems time according to data sheet 1. Should get bucke oblici_0100
i get oblili_1111 which meuns it am
probably doing something wrong
I think they are computable.

Day	3	1.

- 1. Do we have the right chip select pin?
- 2. Is the NSS pin Mean its inverted?
 - 1. Focte me, wrong pin.
 - 2. Nope
 - 3. Preezing the clock pairs. why?

Little Math: (1615 2 asserts in code)

HSE: 8 Mhz Sysche: 48 Mhc polici i Feriltz, 6- switch to 24 mhz

Who am i:06/10/coll so the sensor is 13642500 this is true for both boards.

4. Okay we need an allocator now. I don't want to write:t.
25ing alloc-coton-in but not comping.

D	my 4:
	Making scuse of the vielves.
	I think dos is degrees per second.
	Dream it now tes (MUR and crap code)
	So it could be a CSM303DLHC or LSM303AGR. i guess the second.
20	Pin PB7 - SDA Time to yo learn :2c. Pin PB6 -SCL
	* Alternative Line 4 for both pins
	SCL - clock SDA - bi-directional deta
	Accelerameter uddr: Oboolool Ox19
	Mugumeter uddr: 060011110 OXIE

Day 5: God: rend data out it uccelerometer * made an enour of all the registers.

* okay so something is wrong.

* breaks when reading who-am-i-a Maybe we have to setup something? Not writing to correct addr! was writing to reg not slave addr. uccelerometer tolo-ami-a works (51) mayo meter who ami-m works (64) !. What the default accel mode? L. How does ilb: from-Le-byte witz. ?. it works the way : thought. 3. O's red from accel, grab need enable? 3. DS sect. 8.6 in cl-1-region CP2100 -- 2-111

Norles 5 Tommorrow is Mayameter.

Deey so turning it on is pretty simple.

moltiply by 1.5 to yet value in m6

- we need to put everything in the right units.
- i we need to cold a delay.
- I We also need to ensure we hundle crashes eventuly.
- 2. Done, we can adjust values beter.
- 3. On a rewrite sore.

Updated the ground station to hundle serial communication and its working well.

WIE hoe negatives regulatives positively to 2 Positive x

+y

-y

+z Haven's figured out magnetometer yet.