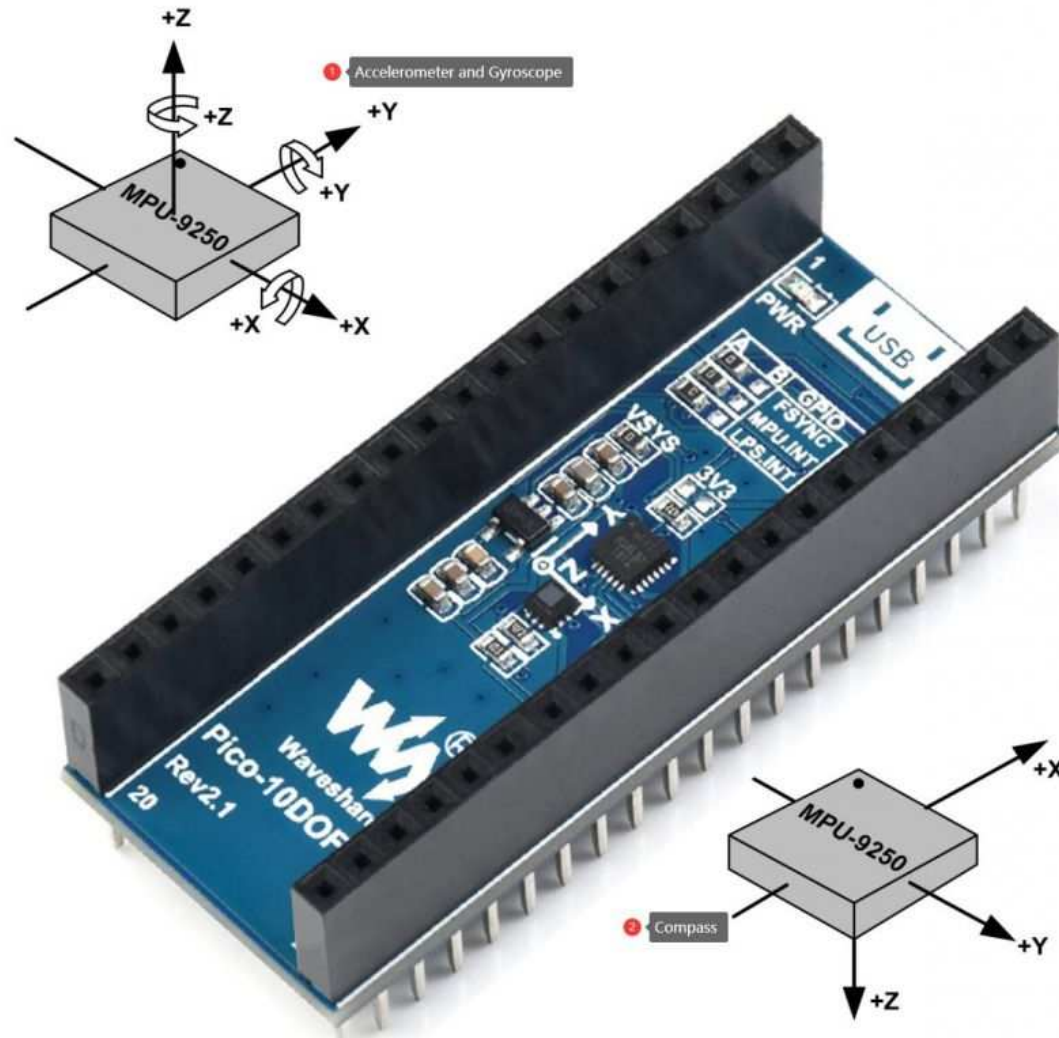


Pico 10DOF IMU

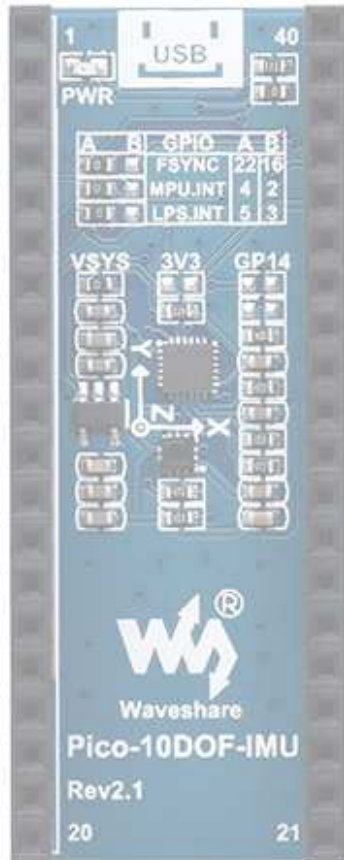


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Sensor		Parameters	
Acceslerometer		Resolution: 16 bits Measuring range (optional): ± 2 , ± 4 , ± 8 , $\pm 16g$ Operating current: 450uA	
Gyroscope		Resolution: 16 bits Measuring range (optional): ± 250 , ± 500 , ± 1000 , $\pm 2000^\circ/\text{sec}$ Operating current: 3.2mA	
Magnetometer		Resolution: 14 bits Measuring range: $\pm 4800\mu T$ Operating current: 280uA	
Baroceptor		Measuring range: 260 ~ 1260hPa Measuring accuracy (ordinary temperature): $\pm 0.025hPa$ Measuring speed: 1Hz - 75Hz	
Electric		Parameters	
Operating voltage		5V	

Pico 10DOF IMU

GP0	1
GP1	2
GND	3
GP2	4
GP3	5
GP4	6
GP5	7
GND	8
GP6	9
GP7	10
GP8	11
GP9	12
GND	13
GP10	14
GP11	15
GP12	16
GP13	17
GND	18
GP14	19
GP15	20



40	VBUS
39	VSYS
38	GND
37	3V3_EN
36	3V3(OUT)
35	ADC_VREF
34	GP28
33	GND
32	GP27
31	GP26
30	RUN
29	GP22
28	GND
27	GP21
26	GP20
25	GP19
24	GP18
23	GND
22	GP17
21	GP16

VSYS		5V Power
GND		Ground
GP4	MPU.INT	MPU9250 INT pin
GP5	LPS.INT	LPS22HB INT pin
GP6	SDA	I2C SDA pin
GP7	SCL	I2C SCL pin
GP22	FSYNC	MPU9250 FSYNC pin

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