

Parameter	unit	HMC5883L	QMC5883L
Package Footprint	mm	3.0*3.0*0.9 LGA	3.0*3.0*0.9 LGA
Measurement Range	Gauss	+/-8	+/-8
Resolution	uT/LSB	0.09@1.3G	0.001@2G 0.04@8G
On-chips ADC	bit	12	16
AVDD	V	2.16~3.6	2.16~3.6
VDD_IO	V	1.71~AVDD	1.65~AVDD
Data Update Rate	Hz	75	200
Max operation current	uA	100uA@7.5Hz	75uA@10Hz
Temperature Sensor		No	Yes
I2C ADDRESS		No	AD0
Noise(standard division)	uT	0.2	0.2