

# ICM-20609



## Applications



Commercial Grade

## Market

Wearable  
Remote Controls  
Gyroscope  
Accelerometer

## Axis

6-Axis

## Features

## Series

ICM

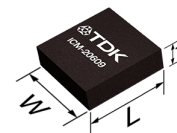
## Status



Production

## Comments

6-Axis Motion Tracking Device with 4-Kbyte FIFO



## Size

Length(L)	3.00mm ±0.10mm
Width(W)	3.00mm ±0.10mm
Thickness(T)	0.75mm ±0.05mm

## Electrical Characteristics

Digital Output	I <sup>2</sup> C SPI
VDD Power Supply / V	1.71 to 3.45
VDDIO I/O Power Supply / V	1.71 to 3.45
Gyro FSR	±250/500/1000/2000
Gyro Sensitivity Error	±2%
Gyro Rate Noise	0.006dps/√Hz
Accel FSR	±2/4/8/16
Accel Sensitivity Error	±2%
Accel Noise	210μg/√Hz
Compass FSR	
Pressure Sensor Relative Accuracy	
Pressure Sensor Noise	

## Other

Operating Temperature Range	-40 to 85°C
AEC-Q100	No
Packing	Embossed (Plastic)Taping [330mm Reel, Tape width 12mm]
Package Quantity	5000pcs
Weight	0.136g

! Images are for reference only and show exemplary products.

! This PDF document was created based on the data listed on the TDK Corporation website.

! All specifications are subject to change without notice.