

# ICM-20601



## Applications



Commercial Grade

## Market

Wearable  
Sports  
Gyroscope  
Accelerometer

## Axis

6-Axis

## Features

## Series

ICM

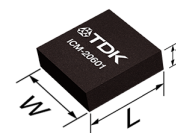
## Status



Production

## Comments

Wide-Range 6-Axis MEMS MotionTracking Device for High-Speed, Non-Impact Applications, with a Wide 4000 dps FSR Gyroscope and 32g Accelerometer



## 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	±500/1000/2000/4000
Gyro Sensitivity Error	±2%
Gyro Rate Noise	0.013dps/√Hz
Accel FSR	±4/8/16/32
Accel Sensitivity Error	±2%
Accel Noise	390μg/√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

! Images are for reference only and show exemplary products.  
Weight: 0.136g  
! All specifications are subject to change without notice.