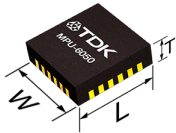


	Obsolete
Product Status	Recommended Alternate Part No. : ICM-42670-P (Interchangeability is not guaranteed.)
Applications	Commercial Grade
Market	Wearable Remote Controls
Axis	6-Axis
Features	
Series	MPU
Comments	6-Axis MEMS MotionTracking™ Device
Brand	InvenSense
Environmental Compliance	<div><div>RoHS</div><div>REACH SVHC Free</div><div>Halogen Free</div><div>Lead Free</div></div>



Size	
Length(L)	4.00mm ±0.10mm
Width(W)	4.00mm ±0.10mm
Thickness(T)	0.90mm ±0.05mm

Electrical Characteristics	
Digital Output	I2C
VDD Power Supply / V	2.375 to 3.46
VDDIO I/O Power Supply / V	2.375 to 3.46
Gyro FSR	±250/500/1000/2000
Gyro Sensitivity Error	±2%
Gyro Rate Noise	0.005dps/√Hz
Accel FSR	±2/4/8/16
Accel Sensitivity Error	±3%
Accel Noise	400µg/√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.
! This PDF document was created based on the data listed on the TDK Corporation website.
! All specifications are subject to change without notice.

IMU (Inertial Measurement Unit)

MPU-6050

Weight	0.156g
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