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MPU-6050



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Mouser #:410-MPU-6050


Mfr. #:MPU-6050


Mfr.:TDK InvenSense

Customer #:Customer #

Description:IMUs - Inertial Measurement Units 6-Axis MEMS MotionTracking Device with DMP

Lifecycle: NRND: Not recommended for new designs.

Datasheet: MPU-6050 Datasheet (PDF)

ECAD Model: PCB Symbol, Footprint & 3D Model

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In Stock: 6,634

Stock:6,634 Can Ship Immediately

On Order:5,000 Expected 2/21/2022

Factory Lead-Time:28 Weeks 

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Buy

Pricing (USD)

Qty.	Unit Price	Ext. Price
Cut Tape / MouseReel™ †		
1	\$6.95	\$6.95
10	\$5.15	\$51.50
100	\$4.45	\$445.00
250	\$4.31	\$1,077.50
500	\$4.04	\$2,020.00
1,000	\$3.90	\$3,900.00
Full Reel (Order in multiples of 5000)		
5,000	\$3.90	\$19,500.00

† \$7.00 MouseReel™ fee will be added and calculated in your shopping cart. All MouseReel™ orders are non-cancellable and non-returnable. ↩

Specifications

Product Attribute	Attribute Value	Search Similar
Manufacturer:	TDK	<input type="checkbox"/>
Product Category:	IMUs - Inertial Measurement Units	<input checked="" type="checkbox"/>
RoHS:	 Details	
Sensor Type:	6-axis	<input type="checkbox"/>
Sensing Axis:	X, Y, Z	<input type="checkbox"/>
Sensitivity:	340 LSB/C	<input type="checkbox"/>
Acceleration:	10000 g	<input type="checkbox"/>
Output Type:	Digital	<input type="checkbox"/>
Interface Type:	I2C	<input type="checkbox"/>
Resolution:	-	<input type="checkbox"/>
Operating Supply Current:	3.9 mA	<input type="checkbox"/>
Supply Voltage - Min:	2.375 V	<input type="checkbox"/>
Supply Voltage - Max:	3.46 V	<input type="checkbox"/>
Minimum Operating Temperature:	- 40 C	<input type="checkbox"/>


Maximum Operating Temperature:	+ 105 C	<input type="checkbox"/>
Packaging:	Cut Tape	<input type="checkbox"/>
Packaging:	MouseReel	<input type="checkbox"/>
Packaging:	Reel	<input type="checkbox"/>
Brand:	TDK InvenSense	
Moisture Sensitive:	Yes	
Product Type:	IMUs - Inertial Measurement Units	
Factory Pack Quantity:	5000	
Subcategory:	Sensors	
Unit Weight:	130 mg	
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Datasheet

 MPU-6050 Datasheet (PDF)

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Models

 MPU-6050 Symbol & Footprint by SnapEDA

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