



MS IMU
3050



ORDERING GUIDE

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1.0 OPTIONS

1.1 PART NUMBERING

The standard part numbers, sensor ranges and associated ECCNs for the MS-IMU3050 are listed in the table below.

Table 1 - Standard part numbers

Model Number	Part Number	Maximum Ranges				ECCNs
		Accel (g)	Aux Accel (g)	Rate (°/s)	Mag (gauss)	
MS-IMU3050M	MP00067-001 ¹	±8	None	±1920	2	7A003
MS-IMU3050	MP00067-002 ¹	±8	None	±1920	None	7A003
MS-IMU3050MHH	MP00067-007 ²	±40	None	±1920	2	7A003
MS-IMU3050HH	MP00067-008 ²	±40	None	±1920	None	7A003

Note 1: The ±8g range is configurable to ±2g, ±4g or ±8g.

Note 2: The ±40g range is configurable to ±10g, ±20g or ±40g.

1.2 MS-IMU3050 ACCESSORIES

Accessories available for the MS-IMU3050 include interface cables, a USB data acquisition module (USB-DAQ) and the MS-IMU3050 configuration software. The accessories allow an end user to rapidly connect, configure and collect evaluation data with the MS-IMU3050. The software provides valuable tools used in developing communications with the IMU. Table 2 provides the part number details.

Table 2 - Accessories part numbers

Model Number	Part Number	Description
C30X0-G10F-H6F-36	MP00063-001	MS-IMU30X0 36-inch Development Interface Cable
C30X0-G10F-PTL-08	MP00063-003	MS-IMU30X0 8-inch Unterminated Interface Cable
C30X0-G10F-PTL-12	MP00063-004	MS-IMU30X0 12-inch Unterminated Interface Cable
USB-DAQ-EXT	MP00009-002	MS-IMU3050 Specific USB Data Acquisition Module External Power
MS-CIP-EVAL		MS-IMU30X0 Configuration Software

1.3 MS-IMU3050 DEVELOPMENT KIT PART NUMBERING

Development kits available for the MS-IMU3050 are listed in Table 3 below and include a 36-inch development cable, a 12-inch pigtail cable, a USB data acquisition module, the MS-IMU3050 configuration software and the MS-IMU3050 model indicated in the table.

Table 3 – Development kit part numbers

Model Number	Part Number	Description	ECCN
MS-IMU3050M Dev Kit	MP00073-001	MP00067-001, MP00063-001, MP00063-004, MP0009-002 and MS-CIP Eval	7A003
MS-IMU3050 Dev Kit	MP00073-002	MP00067-002, MP00063-001, MP00063-004, MP0009-002 and MS-CIP Eval	7A003
MS-IMU3050MHH Dev Kit	MP00073-007	MP00067-007, MP00063-001, MP00063-004, MP0009-002 and MS-CIP Eval	7A003
MS-IMU3050HH Dev Kit	MP00073-008	MP00067-008, MP00063-001, MP00063-004, MP0009-002 and MS-CIP Eval	7A003

Document Change History

REV	STATUS	DESCRIPTION	DATE
Prelim	Obsolete	Ordering guide preliminary release.	10-3-2016
A	Obsolete	Ordering guide initial release.	11-28-2016
B	Obsolete	Release for new MS-IMU3050. Updated format.	9-1-2017
C	Obsolete	Removed MP00067-005 through MP00067-008.	11-1-2017
D	Obsolete	Updated accelerometer ranges on the MP00067-003 and MP00067-004. Removed the 18 inch development cable MP00063-002.	2-13-2018
E	Obsolete	Corrected note referring to accelerometer ranges on the MP00067-003 and MP00067-004. Added ECCNs for MP00067-003 and MP00067-004.	4-6-2018
F	Obsolete	Added model numbers, ECCNs and development kits.	7-6-2018
G	Obsolete	Added ECCNs to the development kits. Updated product and document revision.	10-4-2018
H	Release	Removed export version from the part numbers due to all versions being export controlled.	11-5-2018