



MS IMU
3030



**LEADING PERFORMANCE
FEATURES
VALUE**

ORDERING GUIDE

Document Number: DOC00532

Document Revision: J

Product Number: MP00066

Product Revision: E

MEMSENSE.COM

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1.0 OPTIONS

1.1 PART NUMBERING

The standard part numbers, sensor ranges and associated ECCNs for the MS-IMU3030 are listed in the table below. MS-IMU3030 models with part numbers from MP00066-001 to MP00067-006 are classified by ECCN for export. The remaining model numbers have yet to be classified. When purchasing an export-controlled model please contact sales for an End User Form.

Table 1 - Standard part numbers

Model Number	Part Number	Maximum Ranges				ECCNs
		Accel (g)	Aux Accel (g)	Rate (°/s)	Mag (gauss)	
MS-IMU3030M	MP00066-001 ¹	±8	None	±1920	2	7A003
MS-IMU3030	MP00066-002 ¹	±8	None	±1920	None	7A003
MS-IMU3030ME	MP00066-003 ²	±40	None	±480	2	7A994
MS-IMU3030E	MP00066-004 ²	±40	None	±480	None	7A994
MS-IMU3030MHH	MP00066-007 ³	±40	None	±1920	2	7A003
MS-IMU3030HH	MP00066-008 ³	±40	None	±1920	None	7A003

Note 1: The ±8g range in the MP00066-001 and MP00066-002 is configurable to ±2g, ±4g or ±8g, without an auxiliary accelerometer.

Note 2 The ±40g range in the MP00066-003 and MP00066-004 is configurable to ±10g, ±20g or ±40g, without an auxiliary accelerometer.

Note 3: The ±40g range in the MP00066-007 and MP00066-008 is configurable to ±10g, ±20g or ±40g, without an auxiliary accelerometer.

1.2 MS-IMU3030 ACCESSORIES

Accessories available for the MS-IMU3030 include interface cables, a USB data acquisition module (USB-DAQ) and the MS-IMU3030 configuration software. The accessories allow an end user to rapidly connect, configure and collect evaluation data with the MS-IMU3030. 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	MP00009-004	MS-IMU30X0 Specific USB Data Acquisition Module
MS-CIP-EVAL		MS-IMU30X0 Configuration Software

1.3 MS-IMU3030 DEVELOPMENT KIT PART NUMBERING

Development kits available for the MS-IMU3030 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-IMU3030 configuration software and the MS-IMU3030 model indicated in the table.

Table 3 – Development kit part numbers

Model Number	Part Number	Description	ECCNs
MS-IMU3030M Dev Kit	MP00072-001	MP00066-001, MP00063-001, MP00063-004, MP0009-004 and MS-CIP Eval	7A003
MS-IMU3030 Dev Kit	MP00072-002	MP00066-002, MP00063-001, MP00063-004, MP0009-004 and MS-CIP Eval	7A003
MS-IMU3030ME Dev Kit	MP00072-003	MP00066-003, MP00063-001, MP00063-004, MP0009-004 and MS-CIP Eval	7A994
MS-IMU3030E Dev Kit	MP00072-004	MP00066-004, MP00063-001, MP00063-004, MP0009-004 and MS-CIP Eval	7A994
MS-IMU3030MHH Dev Kit	MP00072-007	MP00066-007, MP00063-001, MP00063-004, MP0009-004 and MS-CIP Eval	7A003
MS-IMU3030HH Dev Kit	MP00072-008	MP00066-008, MP00063-001, MP00063-004, MP0009-004 and MS-CIP Eval	7A003

Document Change History

REV	STATUS	DESCRIPTION	DATE
A	Obsolete	Ordering guide initial release.	7-21-2017
B	Obsolete	Added 2 new model numbers. Included associated ECCNs with specific model numbers. Added auxiliary accelerometer ranges.	8-23-2017
C	Obsolete	Updated format.	9-1-2017
D	Obsolete	Updated Accel Ranges in -003 and -004. Updated export classification information.	2-13-2018
E	Obsolete	Updated export classification information.	4-13-2018
F	Obsolete	Updated export classification information.	6-26-2018
G	Obsolete	Updated export classification information. Added Export ECCNs to Development Kits.	10-4-2018
H	Obsolete	Removed MP00066-005 and MP00066-006 from the available part numbers.	11-6-2018
J	Released	Updated product revision.	10-24-2019