



**MS IMU
3030**

Ordering Guide

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Product Model Number: MS-IMU3030

Product Part Number: MP00066

Product Revision: E

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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	Accel (g)	Rate (°/s)	Mag (gauss)	ECCNs
MS-IMU3030M	MP00066-001	±2, ±4, or ±8	±75, ±200, ±480, ±960, or ±1920	±2	7A003
MS-IMU3030	MP00066-002	±2, ±4, or ±8	±75, ±200, ±480, ±960, or ±1920	None	7A003
MS-IMU3030ME	MP00066-003	±10, ±20, or ±40	±75, ±200, or ±480	±2	7A994
MS-IMU3030E	MP00066-004	±10, ±20, or ±40	±75, ±200, or ±480	None	7A994
MS-IMU3030MHH	MP00066-007	±10, ±20, or ±40	±75, ±200, ±480, ±960, or ±1920	±2	7A003
MS-IMU3030HH	MP00066-008	±10, ±20, or ±40	±75, ±200, ±480, ±960, or ±1920	None	7A003

1.2 IMU 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. The table below provides the accessory part number details.

Table 2 – Accessories part numbers

Model Number	Part Number	Description
C30X0-G10F-H6F-36	MP00063-001	IMU 36-inch Development Interface Cable
C30X0-G10F-PTL-08	MP00063-003	IMU 8-inch Unterminated Interface Cable
C30X0-G10F-PTL-12	MP00063-004	IMU 12-inch Unterminated Interface Cable
USB-DAQ	MP00082-101	USB IMU Data Interface Module, 36"
MS-CIP-EVAL	N/A	IMU Configuration Software

1.3 IMU Development Kit

Development kits available for the MS-IMU3030 are listed in Table 3 below.

Table 3 – Development Kit

Dev Kit Part Number	#	Part Number	Content Description
MP00087-001	1	CM01614	USB 2.0 A to Micro-USB B Cable 3FT
	2	CM01667	Box, Memsense Development Kit
	3	MP00063-018	Cable 36IN Gecko (F) to Gecko (F)
	4	MP00063-019	Cable 36IN Gecko (M) to Gecko (F)
	5	MP00069-001	USB Drive MS-CIP Evaluation Application and User Manual
	6	MP00082-101	USB IMU Data Interface Module, 36"
	7	MP00083-101	IMU Breakout Development Board
	8	MP00084-101	USB IMU Data Interface Module External Power Adapter
	9	MP00085-001	USB-DAQ External Power Cable

1.4 IMU Evaluation Kit

Evaluation Kits available for the MS-IMU3030 are listed in Table 4 below.

Table 4 – Evaluation Kit

Eval Kit Part Number	#	Part Number	Content Description
MP00088-001	1	CM01667	Box, Memsense Development Kit
	2	MP00063-019	Cable 36IN Gecko (M) to Gecko (F)
	3	MP00069-001	USB Drive MS-CIP Evaluation Application and User Manual
	4	MP00082-101	USB IMU Data Interface Module, 36"
	5	MP00084-101	USB IMU Data Interface Module External Power Adapter
	6	MP00085-001	USB-DAQ External Power Cable

Document Revision 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	Obsolete	Updated product revision.	10-24-2019
K	Obsolete	Applied a new doc style. Added section 1.4 with evaluation kit description. Updated development kit content (Table 3).	12-2-2022
L	Released	Updated the part number of the development kit to MP00087-001 (Table 3).	3-11-2024