



**MS IMU
3025**

Ordering Guide

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Product Model Number: MS-IMU3025

Product Part Number: MP00075

Product Revision: D

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1.0 OPTIONS

1.1 Part Numbering

The standard part numbers, sensor ranges, RoHS compliance, and associated ECCNs for the MS-IMU3025 are listed in the table below. MS-IMU3025 models are classified as 7A994 for export. This classification is the same as no license required for individuals and countries not on the banned list.

Table 1 – Standard Part Numbers

Model Number	Part Number	Accel (g)	Rate (°/s)	Mag (gauss)	RoHS	ECCNs
MS-IMU3025M	MP00075-001	±2, ±4, ±8, ±20, ±40	±75, ±200, ±480, ±960, ±1920	±2	Noncompliant	7A994
MS-IMU3025	MP00075-002	±2, ±4, ±8, ±20, ±40	±75, ±200, ±480, ±960, ±1920	None	Noncompliant	7A994
MS-IMU3025MR	MP00075-101	±2, ±4, ±8, ±20, ±40	±75, ±200, ±480, ±960, ±1920	±2	Compliant	7A994
MS-IMU3025R	MP00075-102	±2, ±4, ±8, ±20, ±40	±75, ±200, ±480, ±960, ±1920	None	Compliant	7A994
MS-IMU3025S1	MP00075-004	±2, ±4, ±8, ±20, ±40	±75, ±200, ±480, ±960, ±1920	None	Noncompliant	7A994

1.2 IMU Accessories

Accessories available for the MS-IMU3025 include interface cables, a USB data acquisition module (USB-DAQ) and the MS-IMU3025 configuration software. The accessories allow an end user to rapidly connect, configure and collect evaluation data with the MS-IMU3025. 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	MS-IMU3025 36-inch Development Interface Cable
C30X0-G10F-PTL-08	MP00063-003	MS-IMU3025 8-inch Unterminated Interface Cable
C30X0-G10F-PTL-12	MP00063-004	MS-IMU3025 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-IMU3025 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-IMU3025 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.	4-5-2019
B	Obsolete	Updated product and document revision	10-23-2019
C	Obsolete	Updated product and document revision	7-30-2020
D	Obsolete	Added RoHS compliant models to Part Number and Development Kit Part Numbers tables.	8-24-2020
E	Obsolete	Applied a new doc style. Added section 1.4 with Evaluation Kit description. Updated Dev Kit content (Table 3).	12-2-2022
F	Obsolete	Added information about the new IMU model - MS-IMU3025S1.	8-7-2023
G	Released	Updated the part number of the development kit to MP00087-001 (Table 3).	3-11-2024