



**PERFORMANCE
MOTION DEVICES**
MOTION CONTROL AT ITS CORE

Dear Customer,

REPLACEMENT OF MC50000IOAD8G AND ORDERING INFORMATION

Performance Motion Devices, Inc. has been shipping the MC50000IOAD8G IO ("AD8G") ASIC as a companion to the Magellan® family of Motion Control ICs (Part numbers MC5xx2xCPX.Y) for a number of years. We have many of these ICs in stock; several years supply at present consumption rates.

However, PMD Corp. is no longer able to procure the AD8G ASIC from our suppliers. We have qualified a MC50000IOSE8G ("SE8G") replacement ASIC. This version has the same design as the AD8G version, is a direct replacement (drop-in), and is immediately orderable through PMD Corp. We have production quantities of this ASIC on hand and it has already been qualified by several customers. Performance Motion Devices recommends that all existing AD8G customers switch over to the new SE8G. We are also notifying OEMs and CMs you may work with, and encourage you to discuss this change with them.

COMPATIBILITY AMONGST MAGELLAN ICs

The SE8G and AD8G ASICs have identical packages, pinouts, and electrical specifications (supply voltage, signal voltages, etc.). They are drop-in replacements of each other. There are no incompatibilities between any Magellan MC5xx2xCPX.Y version and any Magellan MC50000IO ICs. All combinations will function together.

MAGELLAN IO ASIC USAGE RECOMMENDATIONS

Customers that continue to use the AD8G ASIC will see price increases (outlined below) for orders placed as of September 1, 2017. No price increases will occur for the SE8G design. As indicated above, PMD Corp. is unaware of any technical issues or problems occurring in making this switch. Customers may order sample quantities (up to 6 per customer, free-of-charge) of the SE8G ASIC for validation by contacting purchaseorders@pmdcorp.com.

New pricing for the AD8G ASIC as of September 1, 2017 is as follows:

Qty 1-9:	\$25
Qty 10-24:	\$24
Qty 25-99:	\$23
Qty 100-499:	\$22
Qty 500-999:	\$21
Qty 1000+:	\$20

Sincerely,

The Performance Motion Devices Customer Success Team

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