

Honeywell International Inc.
Honeywell Aerospace Defense & Space
12001 Highway 55 N
Plymouth, MN 55441

Date: 11/30/2015

Process/ Product Change Notification (PCN) #: 15-04

Title of PCN: HMC5983 Functionality at 220Hz

Product IDs affected: All Honeywell HMC5983 OEM and Evaluation Kit products (58035748-001 and 58035748-003).

Reason For the Change: Data sheet specifies the part will operate at Output Data Rates (ODR) ranging from 0.75Hz to 220Hz. Honeywell, through our ASIC supplier, has become aware of a potential design limitation in the ASIC that is preventing proper operation of the device at 220Hz. All other ODR frequencies are working as described. Some customers running at the 220Hz ODR reported experiencing dropped data, output spikes or communication issues on some units.

Description of Change: Honeywell recommends not using the parts at the 220Hz setting. All other frequencies are operating correctly and customers should select any of the other available settings.

Projected timing of change and implementation date: Upon receipt of this Notification. Engineering Change Order release date 11/25/2015.

Anticipated impact on Quality and Reliability: No change is anticipated to quality and reliability. No changes to form, fit or function of our current product, with the exception of operation at 220 Hz.

Qualification Status: The documentation updates have been approved by the TRB (Technology Review Board – a cross functional team responsible for approving major changes) on 11/19/2015. This change does not affect material structure or any mechanical, chemical, or electrical properties, or any other design parameters.

Honeywell Contact (for further questions):

Name: Mike Freeman
Address: 12001 State Highway 55, Plymouth, MN 55441
Phone: +1 763/954-2070
Email: mike.freeman@honeywell.com