



Product Change Notification

Change Notification #: 118035 - 00
Change Title: Intel® RealSense™ Depth Camera D435i, Intel® RealSense™ Depth Camera D455, Intel® RealSense™ Vision Processor D4 Board V2, Intel® RealSense™ Vision Processor D4 Board V3, PCN 118035-00, Product Material, Replace IMU BMI055 with BMI085
Date of Publication: January 14, 2021

Key Characteristics of the Change:

Product Material

Forecasted Key Milestones:

Date Customer Must be Ready to Receive Post-Conversion Material:	February 1, 2021
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Description of Change to the Customer:

The Intel® RealSense™ Depth Camera SKUs listed in the Product Affected table below will have the following change.

- Replacing pin compatible IMU BMI055 with BMI085.

Customer Impact of Change and Recommended Action:

Firmware version 5.11.15.0, released in September 2020, is the minimum version supporting BMI085. Customer should not downgrade the Firmware to a version below it.

The BMI085 has higher accelerometer sample rates. Using Intel® RealSense™ SDK version 2.41.0 and below will allow selecting and accordingly display the following rates:

Accelerometer sample rates Hz	Actual	SDK Select/Display
BMI055	62.5	62.5
	250	250
BMI085	100	62.5
	200	250

Newer SDK version will display the actual accelerometer sample rate.

Please contact your local Intel Field Sales Rep if you have any further questions about these changes.

Products Affected / Intel Ordering Codes:

Product Code	MM#	Pre Change TA	Post Change TA
82635DSASICBRDI	999AFP	K38178-100	K38178-110
82635D435IDK5P	999AFR	K38179-100	K38179-110
82635D435IDKMP	999AXG	K38179-100	K38179-110
82635DSD455MP	999WCR	K83122-100	K83122-110
82635DSD455	999WCT	K83122-100	K83122-110
82635DSASICBDIF	99A2NX	K94249-100	K94249-110

PCN Revision History:

Date of Revision:

January 14, 2021

Revision Number:

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Reason:

Originally Published PCN



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Should you have any issues with the timeline or content of this change, please contact the Intel Representative(s) for your geographic location listed below. No response from customers will be deemed as acceptance of the change and the change will be implemented pursuant to the key milestones set forth in this attached PCN.

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