



Streamlined eMD IAM-20680 1.0.0

Software Release Notes

September 1, 2017

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OVERVIEW

This release note document explains all the relevant information regarding the streamlined eMD IAM-20680 **1.0.0** software release.

SOFTWARE MODULES INCLUDED

- **release/bin/iam20680**: contains FW binaries of the samples application available in the package.
- **sources**:
 - o **examples**: contains sample codes applications for STM32F411 NUCLEO MCU that demonstrates how to control and retrieve data from IAM-20680 devices.
 - o **Inven**: InvenSense driver sources
 - o **board-hal**: contains the low-level drivers for NUCLEO used in samples application
 - o **stm32f4x**: contains the ST libraries for STM32F4xx
- **doc**: contains driver API doxygen documentation and Software Guide

SUPPORTED FEATURES

- *Raw Accel, Raw Gyro*
- *SelfTest*
- *Wake-On-Motion*

TEST PLATFORM

This section describes the software test platform used during the test

Software Component	
Package	Streamlined-eMD-IAM20680-1.0.0-test3
Host	Windows 7
IAR Workbench IDE	IAR 7.70

Hardware Component	
eMD Platform	IAM20680
Nucleo	Nucleo with Carrier Board revC

NOTES

This release provides standalone example applications that run on the nucleo platform only. A host application that runs on a Windows PC and the corresponding example application that it communicates with through a protocol is not included in the release. However, if needed, it can be provided for internal evaluation and development purpose before it is officially provided in the next release.



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