**Release Notes**

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| Product name | BMA530 sensor API |
| Compatible hardware | APP3.0 HW, with compatible BMA530 shuttle boards |
| Release version (number) | Version 3.2.0 |
| Date of release | 07-02-2023 |
| Name of release package | BMA530\_Version\_3.2.0 |
| Release type (reason for the release) | External release |

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| **Internal release** |  |
| Project name | Sensor API |
| Project MCR ID | NA |
| GIT tag | BMA5XY\_External\_V3.2.0\_RC |
| GIT branch name | Feature/BSDR-1890-v3.2.0 |
| GIT hash |  |

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| Purpose of the software summarizing the key features | Feature interrupts are:   * Generic Interrupt 1 * Generic Interrupt 2 * Generic Interrupt 3 * Android Generic Interrupt 1 * Android Generic Interrupt 2 * Android Sig motion * Android Tilt * Step counter * Orientation * Tilt * Sig motion * Accel FOC * Feature Axis exchange |

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| Components included | Sensor API source files, Example code for reference with reports |

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| New features and changes implemented compared to the previous release | * Context parameter support added |

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| Defects fixed according to the previous release | NA |

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| Known issues | NA |

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| Technical constraints (premises to use the release) | NA |

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| List of all files in the package and their purpose | **Sensor API source files:**  bma5.c  bma5.h  bma5\_common.c  bma5\_common.h  bma5\_defs.h  bma530.c  bma530.h  bma530\_features.c  bma530\_features.h  **Example code for reference:**   * Accel FOC * Accelerometer * Android Generic Interrupt 1 * Android Generic Interrupt 2 * Android Sig motion * Android Tilt * Feature Axis exchange * Fifo\_full\_8\_bit\_dedicated\_frame\_comp\_en * Fifo\_full\_8\_bit\_each\_frame\_comp\_en * Fifo\_full\_16\_bit\_dedicated\_frame\_comp\_en * Fifo\_full\_16\_bit\_each\_frame\_comp\_en * Fifo\_wm\_8\_bit\_dedicated\_frame\_comp\_en * Fifo\_wm\_8\_bit\_each\_frame\_comp\_en * Fifo\_wm\_16\_bit\_dedicated\_frame\_comp\_en * Fifo\_wm\_16\_bit\_each\_frame\_comp\_en * Generic Interrupt 1 * Generic Interrupt 2 * Generic Interrupt 3 * Orientation * Self-test * Sig motion * Step activity * Step counter * Step detector * Temperature * Tilt |

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| Reused SW from 3rd party and OSS | No third party or OSS been used in API |

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| Additional comments (optional) | NA |

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| **Internal Release**  Additions to the package or links to external sources | NA |

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