

Product Change Notice

| | |
|---|--|
| Classification of change: | Minor functional change (document update, version 2) |
| Description of change: | <ul style="list-style-type: none"> Replacement of IMU from LSM9DS1 (9 axis) for a combination of two IMUs (BMI270 - 6 axis IMU and BMM150 - 3 axis IMU). Replacement of power supply MPM3610 for MP2322. Addition of VUSB soldering jumper on the top side of the board. New test point for USB, SWDIO, and SWCLK. |
| Reason for change: | <ul style="list-style-type: none"> The IMU (LSM9DS1), the temperature sensor (HTS221), and the power supply (MPM3610) are replaced due to a shortage of these components. The power supply (MPM3610) is replaced due to a shortage of this component. The additional jumper and test points are added to improve the customer experience. |
| Expected influence on quality, reliability, and performance: | <ul style="list-style-type: none"> For applications using the Arduino_LSM9DS1 library, customers must use Arduino_BMI270_BMM150 instead. |
| Products affected: | <ul style="list-style-type: none"> Arduino Nano 33 BLE (ABX00030) Arduino Nano 33 BLE with headers (ABX00034) |
| Schedule: | Start shipment date: December 2023 |
| Product alternative: | <ul style="list-style-type: none"> Arduino Nano 33 BLE Rev2 (ABX00071) Arduino Nano 33 BLE Rev2 with headers (ABX00072) |
| Qualification data: | n/a |
| Issued by: | Head of Makers Business Unit: Alessandro Ranellucci |
| Contact information: | For questions or comments, please contact your Arduino sales representative. |

Notice

This updated document version from #A-PCN-M-2023-07 includes further details on component replacements. To continue production of the Arduino Nano 33 BLE (ABX00030) and the Arduino Nano BLE with headers (ABX00034) and given the fact that some components have entered end-of-life status, this is the complete list of changes to the bill of materials:



- Replacement of IMU from LSM9DS1 (9 axis) for a combination of two IMUs (BMI270 - 6 axis IMU and BMM150 - 3 axis IMU).
- Replacement of power supply MPM3610 for MP2322.

Additionally, to improve the experience of our customers, the design of the PCB reflects the following changes:

- Addition of VUSB soldering jumper on the top side of the board.
- New test point for USB on the bottom side.
- New test points for SWDIO and SWCLK on the top and bottom sides of the board.

Open-source software and documentation related to the product that is currently published on the Arduino website will remain compatible with this revision and available at the following address:

<https://docs.arduino.cc/>