## Bosch\* – Arduino Pro\* Nicla Sense ME

| SensiML Supported Development Kit            | Processor                            | Nordic® nRF52832 Arm® Cortex-M4 SoC, 32-bit with Bluetooth 5.2   |
|--|--------------------------------------|--|
|  |                                      |  |
|  | Pre-enabled Sensor Types             | Bosch BHI260AP 6DoF accel + gyro   |
|  | Additional Available Sensors         | Bosch BMM150 magnetometer, Bosch BMP390 pressure sensor, Bosch BME688 environmental sensor                                 |
|  | Available External Sensor Interfaces | UART, I2C, SPI, ADC (12-bit 200ksps)   |
|  | Pre-enabled<br>Connectivity          | USB, Serial, BLE   |
|  | Programming Environment              | IDE: PlatformIO  |
|  | Firmware Flashing  •                 | Nicla Sense ME has built-in programming and debugger via microUSB connection to PC, no separate board or debug cable req'd |
|  | SensiML Knowledge Pack Formats       | <u>Library</u> , <u>C Source</u>   |
| Arduino Pro Nicla Sense ME (Bosch Sensortec) | Useful Links                         | SensiML Getting Started Guide, Hardware Overview, PlatformIO Board Summary,  |

