ST Microelectronics* – STM32 MCU (SensorTile.box)

| SensiML Supported Development Kit | Processor | STM32L4 Arm® Cortex-M4, 32-bit (<u>STM32L476JGY</u>) |
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| STEVAL-MKSBOXIVI | Pre-enabled Sensor Types | ST LSM6DSOX 6DoF accel + gyro |
| | Additional Available Sensors | <u>ST LIS2MDL</u> 3DoF mag, <u>ST LPS22HH</u> pressure sensor, <u>ST MP23ABS1</u> microphone, <u>ST HTS221</u> humidity sensor, + <u>others</u> |
| | Available External Sensor Interfaces | UART, I2C, SPI |
| | Pre-enabled Connectivity | USB, Serial, Bluetooth 5.2 BLE (<u>ST BlueNRG-M2</u>) |
| | Programming Environment | IDEs: STM32CubeMX Compilers: Arm Keil, IAR Systems |
| | Firmware Flashing | Separate ST-LINK device and 14-pin ribbon cable required |
| | SensiML Knowledge Pack Formats | Binary, Library, C Source |
| ST Microelectronics SensorTile.box (STEVAL-MKSBOX1V1) | Useful Links | SensiML Getting Started Guide, Video Tutorial |

