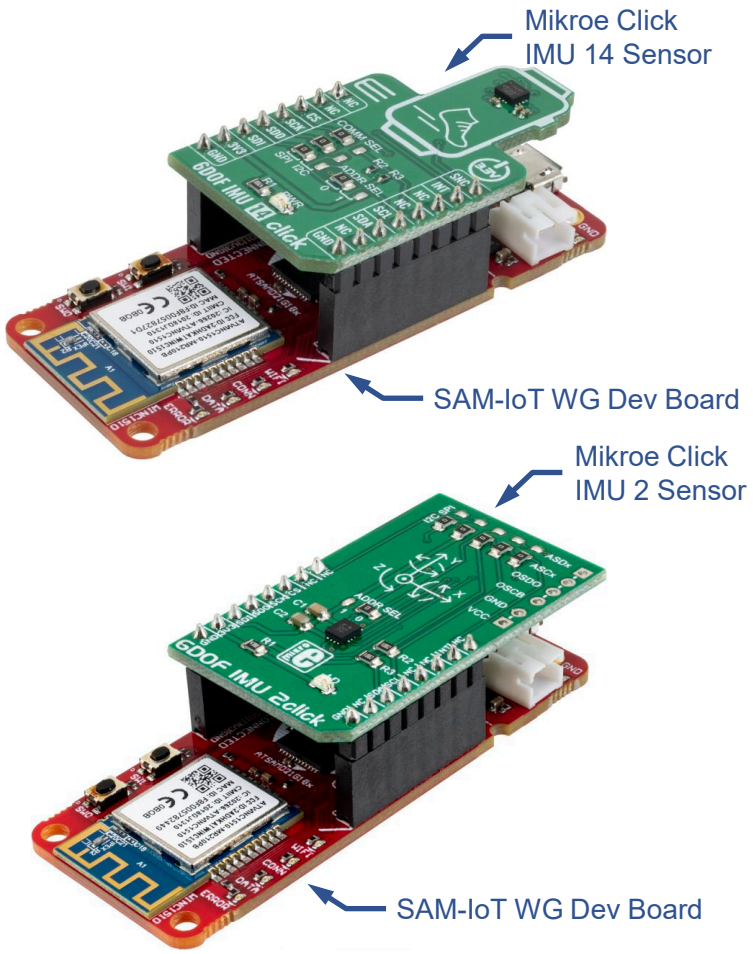
Microchip Technology* – SAM* Microcontrollers

SensiML Supported Development Kits	
 **Microchip SAMD21 ML Eval Kits (SAM-IoT WG)**	
Processor	SAM D Arm* Cortex*-M0+ based MCU, 32-bit (SAMD21G18)
Pre-enabled Sensor Types	Bosch* BMI160 6DoF accel + gyro (Mikroe* IMU2 Click board) TDK* ICM-42688-P 6DoF accel + gyro (Mikroe IMU14 Click board)
Additional Available Sensors	Mikroe Click sensor boards
Available External Sensor Interfaces	UART, I2C, SPI, ADC (14 ch, 12-bit)
Pre-enabled Connectivity	USB, Serial
Programming Environment	IDEs: MPLAB* X IDE Compilers: MPLAB XC32
Firmware Flashing	SAM-IoT WG board has built-in programming and debugger via microUSB connection to PC, no separate board or debug cable req'd
SensiML Knowledge Pack Formats	Binary, Library, C Source
Useful Links	SensiML Getting Started Guide, HW User Guide, Gesture Recognition Demo Application, MPLAB ML Plugin Guide