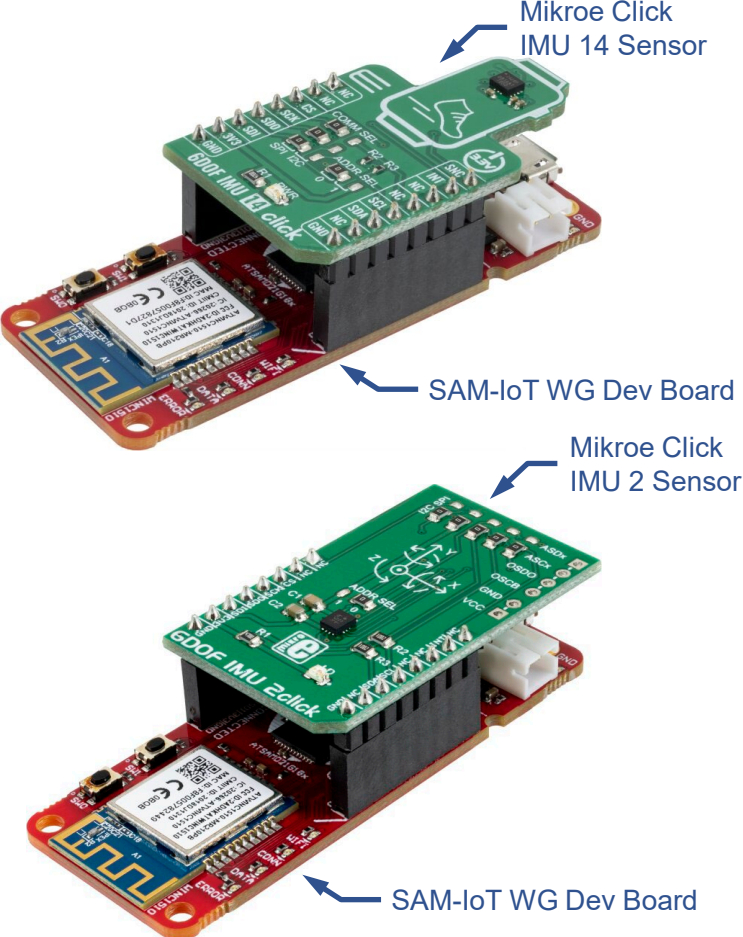


# Microchip Technology\* – SAM\* Microcontrollers

SensiML Supported Development Kits	Processor	SAM D Arm* Cortex*-M0+ based MCU, 32-bit ( <a href="#">SAMD21G18</a> )
 <p data-bbox="726 235 930 292">Mikroe Click IMU 14 Sensor</p> <p data-bbox="637 606 955 635">SAM-IoT WG Dev Board</p> <p data-bbox="777 664 955 721">Mikroe Click IMU 2 Sensor</p> <p data-bbox="598 1106 904 1135">SAM-IoT WG Dev Board</p> <p data-bbox="191 1206 904 1249"><b>Microchip SAMD21 ML Eval Kits (SAM-IoT WG)</b></p>	Pre-enabled Sensor Types	<a href="#">Bosch* BMI160</a> 6DoF accel + gyro ( <a href="#">Mikroe* IMU2 Click board</a> ) <a href="#">TDK* ICM-42688-P</a> 6DoF accel + gyro ( <a href="#">Mikroe IMU14 Click board</a> )
	Additional Available Sensors	<a href="#">Mikroe Click sensor boards</a>
	Available External Sensor Interfaces	UART, I2C, SPI, ADC (14 ch, 12-bit)
	Pre-enabled Connectivity	USB, Serial
	Programming Environment	IDEs: <a href="#">MPLAB* X IDE</a> Compilers: <a href="#">MPLAB XC32</a>
	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	<a href="#">Binary</a> , <a href="#">Library</a> , <a href="#">C Source</a>
	Useful Links	<a href="#">SensiML Getting Started Guide</a> , <a href="#">HW User Guide</a> , <a href="#">Gesture Recognition Demo Application</a> , <a href="#">MPLAB ML Plugin Guide</a>

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