Microchip Technology* – PIC* Microcontrollers

SensiML Supported Development Kits		
 Microchip PIC-IoT Eval Kit	**Processor**	PIC24FJ128GA705 microcontroller
	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, Wi-Fi*
	Programming Environment	IDEs: MPLAB* X IDE Compilers: MPLAB XC16
	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