## Nordic Semiconductor<sup>\*</sup> Thingy:52<sup>\*</sup>

400182 0264RUER	
Po.04	
	1 0 0 1 P0.04 0 0 GND +0 0 +∞>Y EXT.0 0 0 EXT.1 PCA20020
	E = 0 + E M1.D • • M1.S C7:06:01 E = 0 + E M1.D • • M1.S C7:06:01 E = 0 + M2.D • • M2.S <sup>1</sup> :74:0E
	M3.D O O M3.S SOGND M4.D O O M4.S SOCIED
E S S	

SensiML Supported Development Kit

Processor	Nordic Semiconductor <sup>*</sup> <u>nRF52840</u> , Arm <sup>*</sup> Cortex <sup>*</sup> -M4, 32-bit with Bluetooth <sup>*</sup> 5.0
Pre-enabled Sensor Types	TDK <sup>*</sup> <u>MPU-9250</u> 9DoF accel + gyro + mag
Additional Available Sensors	<u>ST* HTS221</u> temp/humidity sensor, <u>ST LPS22HB</u> pressure sensor, <u>CCS811</u> VoC sensor, Rohm* <u>BH1745NUC</u> color sensor
Available External Sensor Interfaces	I2C, SPI, UART, ADC (12-bit)
Pre-enabled Connectivity	USB, Serial, Bluetooth BLE
Programming Environment	IDEs: VSCode <sup>*</sup> with nRF Connect <sup>*</sup> Compilers: Arm Embedded GCC
Firmware Flashing	Requires separate programmer (nRF52 DK) and 10-pin ribbon cable to flash.
SensiML Knowledge Pack Formats	<u>Binary</u> , <u>Library</u> , <u>C Source</u>
Useful Links	SensiML Getting Started Guide, HW Datasheet





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