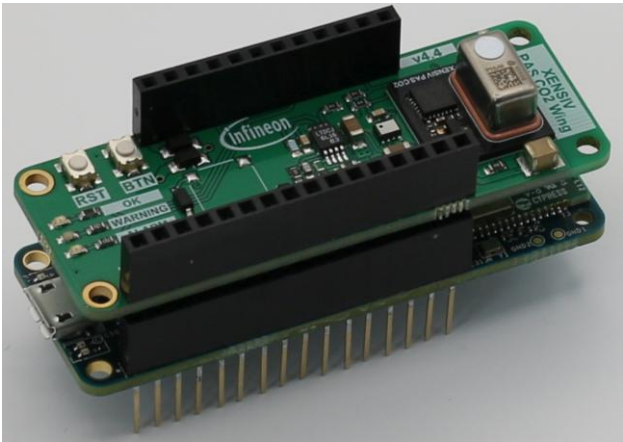


XENSIV™ connected sensor kit with XENSIV™ PASCO2V15 5V CO2 gas sensor – Available NOW!



Connected Sensor Kit



Technical & order details

Parameter	Value	Learn more	
Range	0 – 32000 ppm	Sales name	KIT_CSK_PASCO2_5V
Op temp & rH	°C – 50°C / RH: 0% to 85%	SAP mat number	SP006070836
Voltage	5.0 V for the emitter & 3.3 V for other components	Infineon order code	KITCSKPASCO25VTOBO1
Accuracy	±50 ppm ±5 % (400 to 3000 ppm)	IFX Components	PASCO2V15 (5 V) gas sensor; DPS368 pressure sensor; PSOC™ 62 MCU
Response time	55 sec (CO2 diffusion)	Focus Application	Smart Home and Buildings, Smart Appliances, HVAC

Features

- Adafruit feather-compatible form factor
- 22.5 x 63 x 30 mm³ small form factor
- XENSIV™ PASCO2V15 (5 V) gas sensor
- XENSIV™ DPS368 pressure sensor
- Dual core, low-power PSOC™ 62 MCU
- Wi-Fi and Bluetooth® combo radio module
- Interchangeable sensor Wing boards
- Seamless integration into ModusToolbox™
- Real-time sensor data evaluation
- Decided cloud demo platform

Benefits

- Ideal for IoT, battery-powered devices
- Suited for customer field trials
- Rapid prototyping with code examples
- Secure cloud connection with OPTIGA™
- Secure device provisioning