












Our SENSORS are everywhere!

Sensor Type	SciSense PN	Product specifications	Applications	Product
Digital Humidity & Temperature sensors	ENS21X family	Premium app-specific accuracies, fast response, Automotive versions avail. QFN-4	Building automation, HVAC, Appliances, Cold chain monitoring Wearables, IOT	 2 x 2 x 0.75 mm ³
Digital multi-gas air quality -VOC sensor	ENS16x family	Multiple outputs Low power mode (below 1.4mW at peak performance). On-chip data processing - no external libraries required. LGA-9	Indoor air quality, smart thermostats, air purifiers, IOT, HVAC, Battery management	 3 x 3 x 0.9 mm ³
Matchbox-size all-in-one environmental sensor combo	APC1	Matchbox size, up to 20 environmental signals (PM, eTVOC, eCO2, AQI, RH & T). Long lifetime maintenance-free	Building automation, HVAC, Appliances, Cooking hoods, air purifiers, IOT	 50 x 38 x 21 mm ³
Digital barometric pressure & temperature sensor	ENS220	Ultra-low power consumption. High absolute and relative pressure accuracy: Centimeter height resolution in air. User configurable sample rate up to 1 kHz (0.9 Pa rms). LGA-10	Building automation, HVAC, Appliances, Wearables, IOT	 2 x 2 x 0.75 mm ³
Automotive Air Classification Module	ACMx	LIN & PWM interfaces, optional dewpoint detection. AEC-Q100, ISO/ATF16949, VDA6.3	Automotive air intake module.	 32 x 45 x 36 mm ³
Automotive Dew Point Sensor	DPS1	LIN interface, AEC-Q100, ISO/ATF16949, VDA6.3	Automotive HVAC air duct dewpoint detection module.	 58 x 31 x 25 mm ³
Ultrasonic Flow sensor	TDC-GP22	AFE + TDC: Our standard for heat meters. QFN-32	Water / Gas meters, fluid flow and leak detection	 5 x 5 x 0.9 mm ³
Ultrasonic Flow sensor	TDC-GP30	AFE+TDC+CPU: The leading solution for water meters. QFN-40	Water / Gas meters, fluid flow and leak detection	 6 x 6 x 0.9 mm ³
Ultrasonic Flow sensor	AS6031	AFE+PGA+TDC+CPU: Additional PGA to handle water meters with weak signals. QFN-48	Water / Gas meters, fluid flow and leak detection	 7 x 7 x 0.5 mm ³
Ultrasonic Flow sensor	AS6040	HV-AFE+PGA+TDC+CPU: 17V fire voltage for gas meter applications. QFN-48	Water / Gas meters, fluid flow and leak detection	 7 x 7 x 0.5 mm ³
Ultrasonic Flow module	UFM01	Compact module for flow monitoring and leakage control.	Boiler, sink, toilet, and other fluid flow and leak detection apps.	 19 x 30 x 60 mm ³

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Capacitance to Digital Converter	PCAP01	8-channel CDC, 6aF, 4k OTP. QFN-32	Sensors for pressure, level, proximity, humidity, touch, position	<p>PCAP01 & PCAP 02 are 5 x 5x 0.9 mm³ PCAP04 is 4, 4 x 4 x .9 mm³</p>
Capacitance to Digital Converter	PCAP02	8-channel CDC, 15aF, improved PSRR, short circuit protection, internal reference, 4k OTP. QFN-32		
Capacitance to Digital Converter	PCAP04	6-channel CDC, 8aF, improved PSRR, short circuit protection, internal reference, 1k NVRAM+3k ROM. QFN-24		
Resistance to Digital converter	PS09	11nV rms, 1 to 10000Hz, 28bit, 24bit CPU + 8k OTP. QFN-40	Force sensors, weight sensors	<p>6 x 6 x 0.9 mm³</p>
Wake-up receiver	AS3930	100-150kHz, 16 bit, 1D TSSOP-16 OR QFN-16	Active RFID tags Real-time location systems, Identification, Robotics, PKE	<p>4 x 4 x 0.85 mm³</p>
Wake-up receiver	AS3933	15-150kHz, 32 bit, 3D TSSOP-16 OR QFN-16		<p>5 x 6.4 x 1 mm³</p>
Franklin Lightning Sensor	AS3935	Lightning detection IC with distance estimation up to 40km \ Embedded distance estimation algorithm & auto antenna tuning. QFN-16	Portable GPS, wearables, golf carts, bike computers, weather stations	<p>4 x 4 x 0.75 mm³</p>
Time to Digital Converter	AS6500	4-channel CMOS, 10ps, 1.5MSPS QFN-40	Cost-sensitive LIDAR	<p>6 x 6 x 0.9 mm³</p>
Time to Digital Converter	AS6501	2-channel LVDS, 10 ps, 70MSPS QFP-48	High-end single beam LIDAR	<p>7 x 7 x 1.6 mm³</p>
Time to Digital Converter	TDC-GPX2	4-channel LVDS, 10 ps, 70MSPS QFN-64 OR QFP-64	High-end multi beam LIDAR, ATE, Medical imaging	<p>10 x 10 x 1.6 mm³ or 9 x 9 x 0.9 mm³</p>