

SiTime MEMS timing benefits

Smallest Footprint and Power

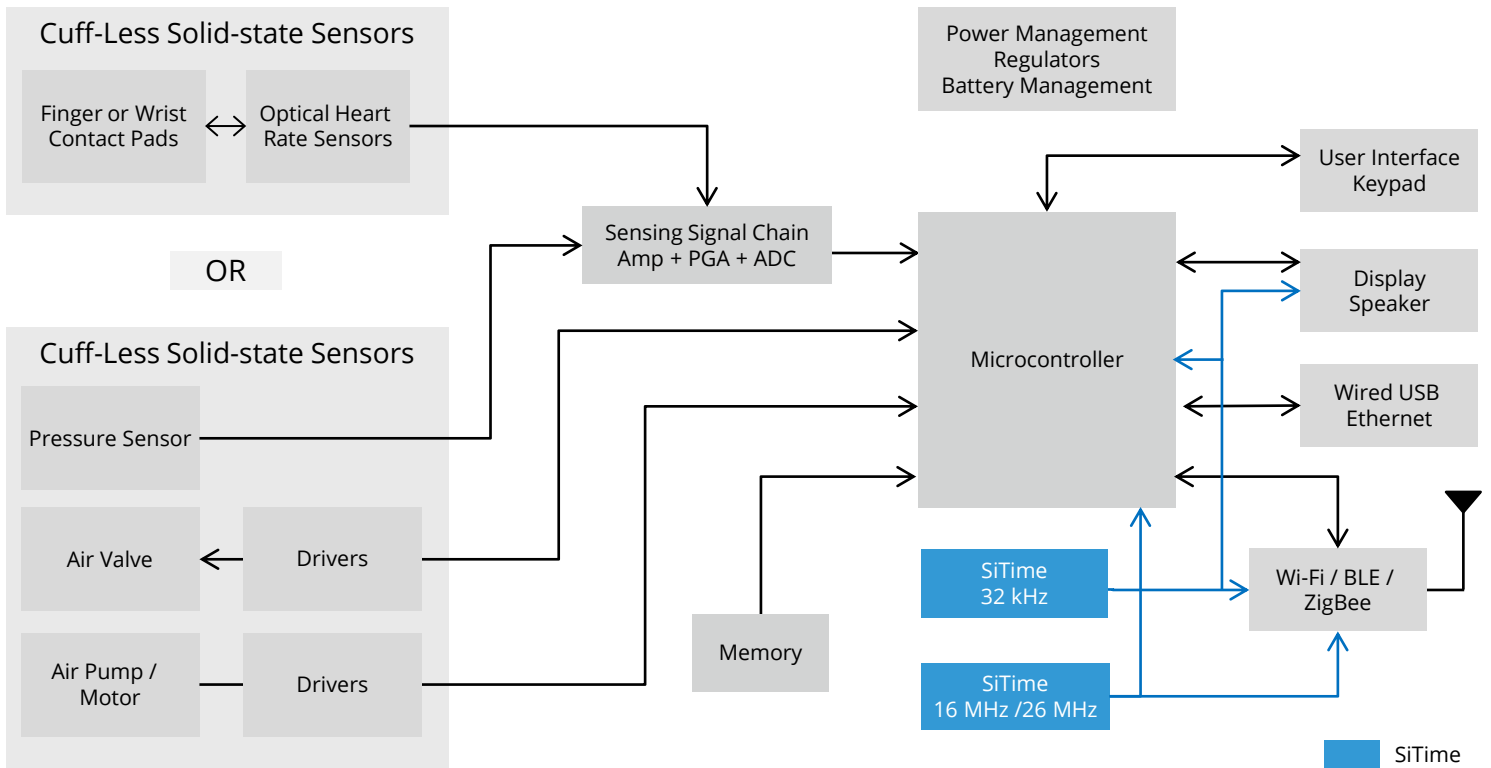
- 1.2mm² CSP
- Ultra-low power <1 μ A
- Programmable drive strength

Robust, Cost Efficient Clocking Solutions

- Hermetically sealed
- LVCMOS enables driving multiple loads
- Frequency stability, as low as ± 25 ppm
- Industrial temp: -40°C to 85°C

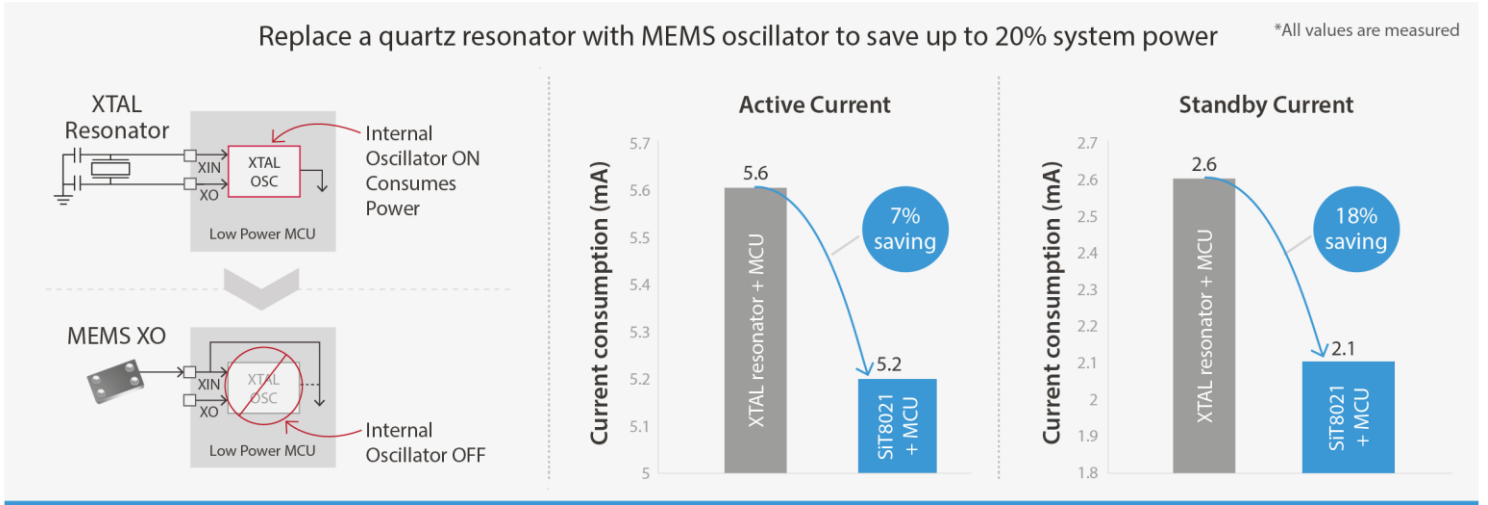
Integrated MEMS, Easy to Use

- No external quartz
- No quartz reliability issues
- No cover or shielding

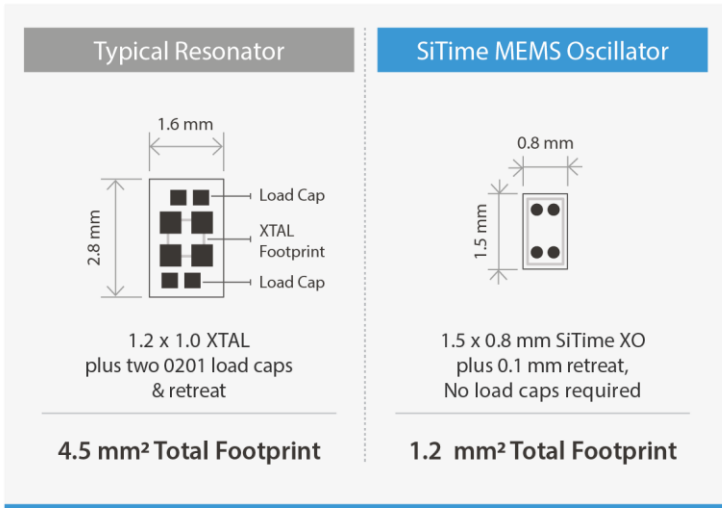


Application	Devices	Type	Key Features
Smart Meters	SiT8021	XO	Factory programmable frequencies: 1 Hz to 26 MHz Higher stability: ± 3 ppm Smallest footprint: 1.5 x 0.8 mm chip scale package
	SiT1581	XO	Low power: <4.5 μ A High robustness: Immune to small molecular gasses LVCMOS: Drive multiple loads

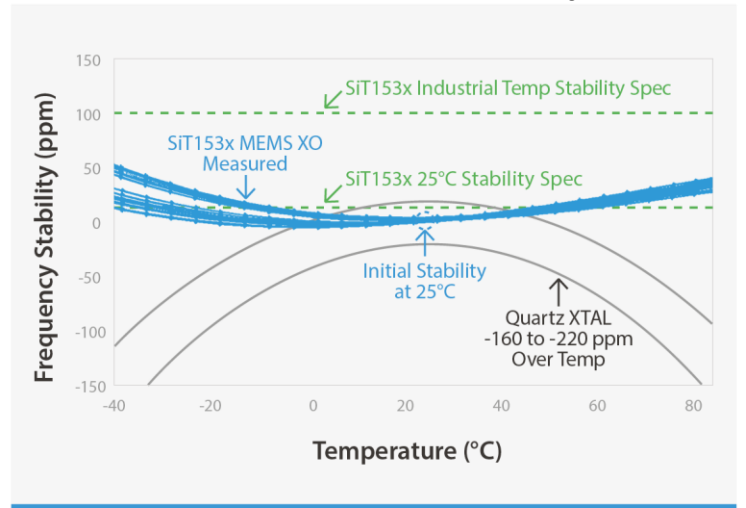
Lower Power



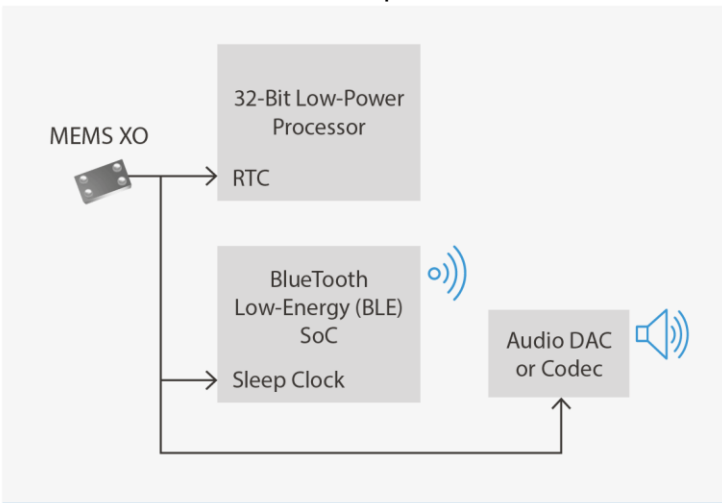
Smallest Size, Lower BOM



Best 32 kHz Oscillator Stability



Drive Multiple Loads



Low Power Feature

