

SiTime MEMS Timing Benefits

Smallest footprint and power

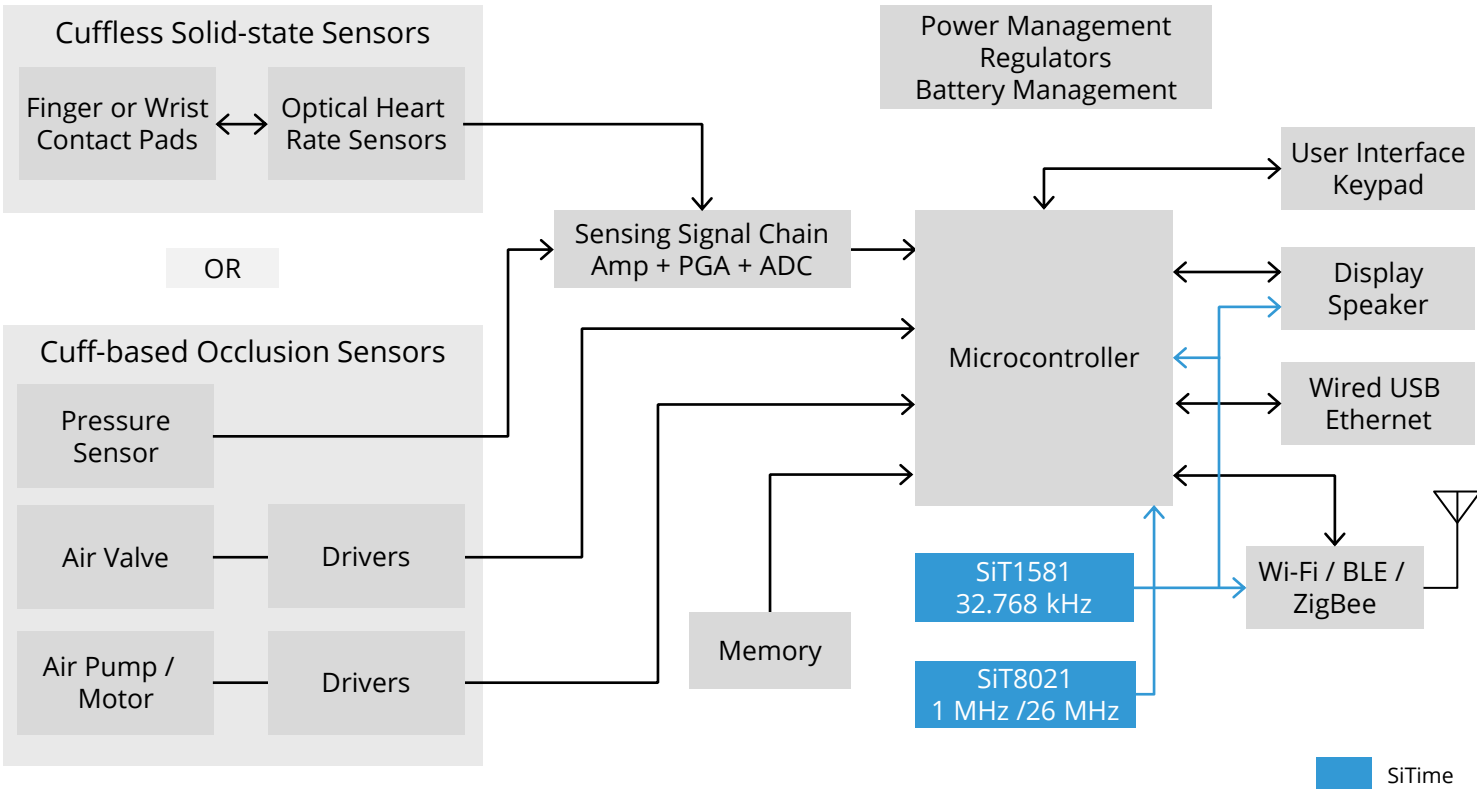
- 1.2 mm<sup>2</sup> CSP
- Low power as low as <4.5 µA
- Programmable drive strength

Robust clocking solutions

- Hermetically sealed
- LVCMOS enables driving multiple loads
- Stable over -40°C to 85°C

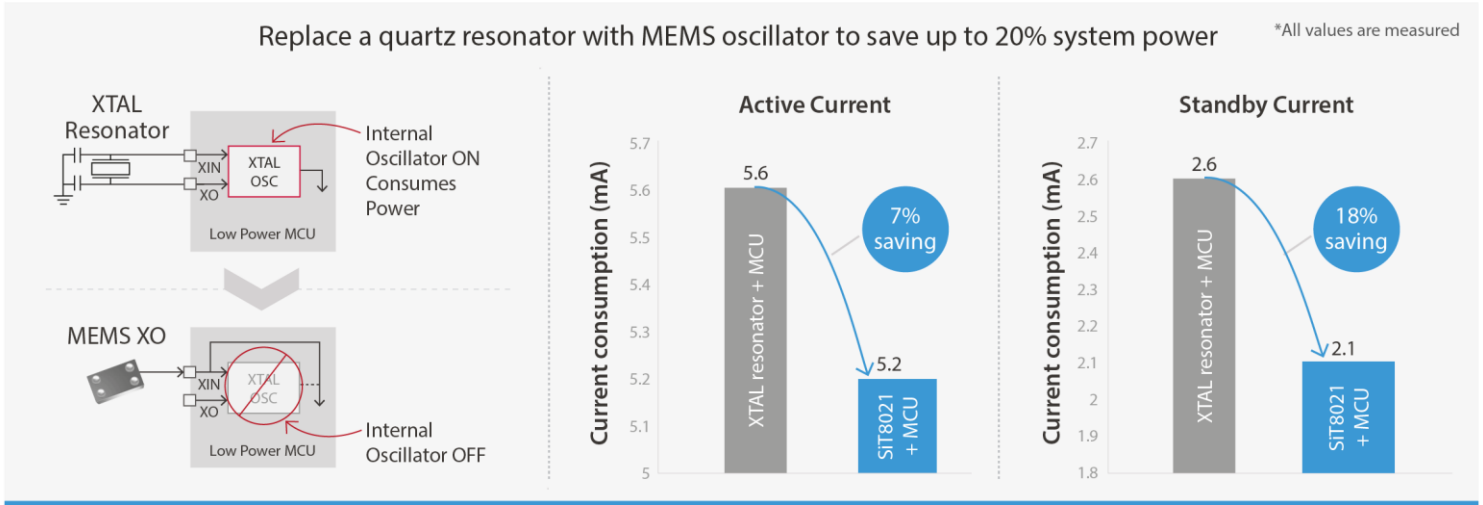
Integrated MEMS, easy to use

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

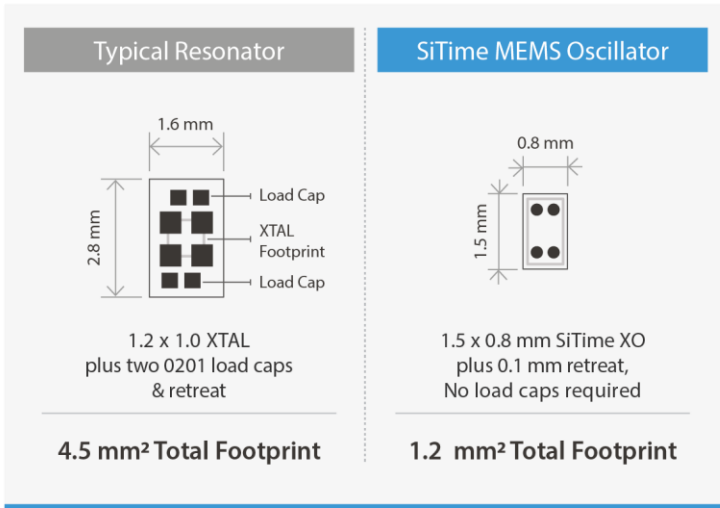


Application	Devices	Type	Key Features
Blood pressure monitors	<a href="#">SiT8021</a>	XO	Factory programmable frequencies: 1 Hz to 26 MHz Low power: 60 µA Smallest footprint: 1.5 x 0.8 mm chip scale package
	<a href="#">SiT1581</a>	XO	Factory programmable frequencies: 1 Hz to 2.5 MHz Ultra low power: <4.5 µA High robustness: Immune to small molecular gasses LVCMOS: Drive multiple loads

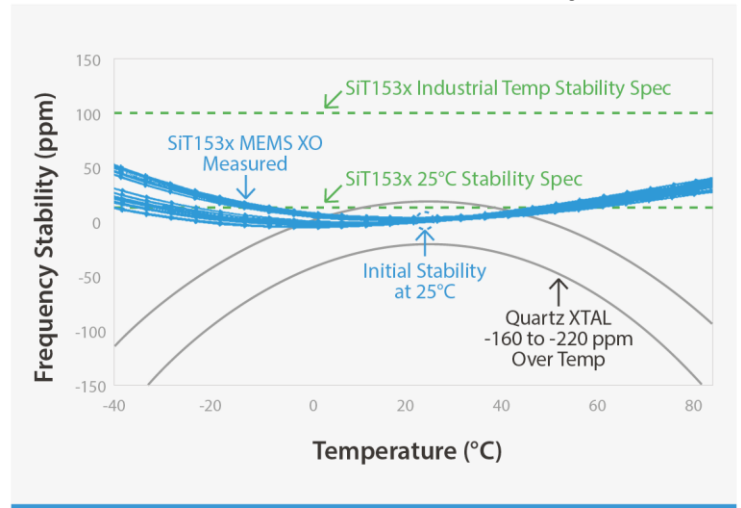
## Lower Power



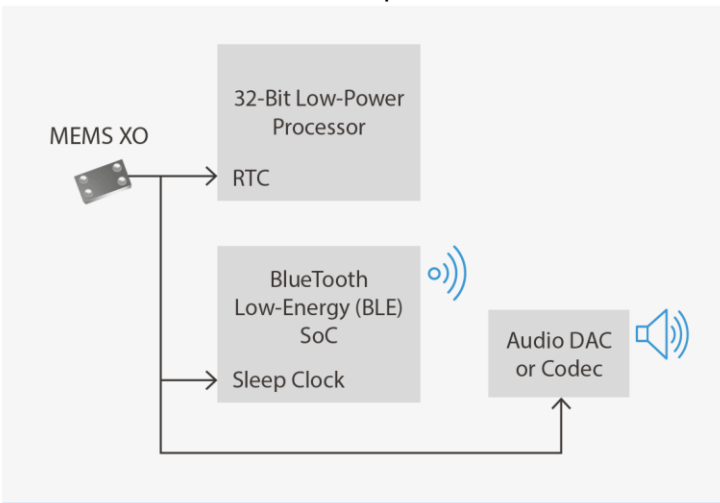
## Smallest Size, Lower BOM



## Best 32 kHz Oscillator Stability



## Drive Multiple Loads



## Low Power Feature

