

SiTime MEMS Timing Benefits

Smallest footprint and power

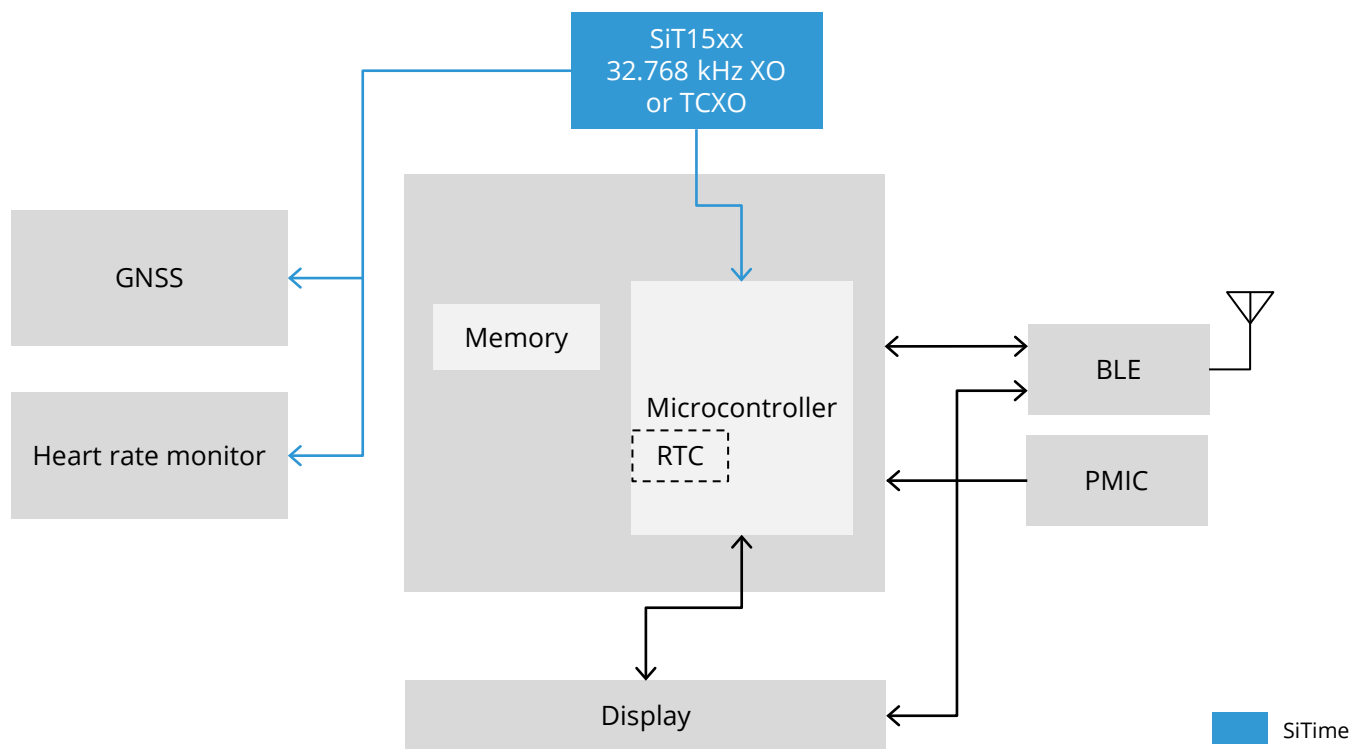
- 1.2 mm² CSP
- Ultra-low power from <1 μ A
- Ability to drive multiple loads

Robust clocking solutions

- ± 5 ppm frequency stability
- Immunity to power supply noise
- Gas hermetically sealed

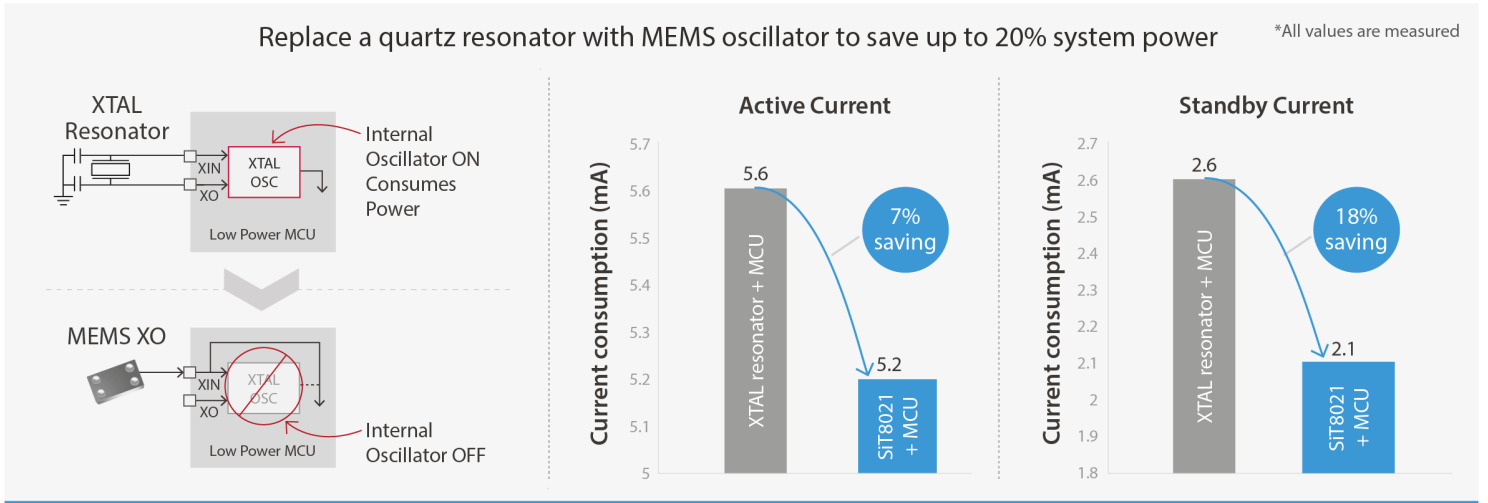
Integrated MEMS, easy to use

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

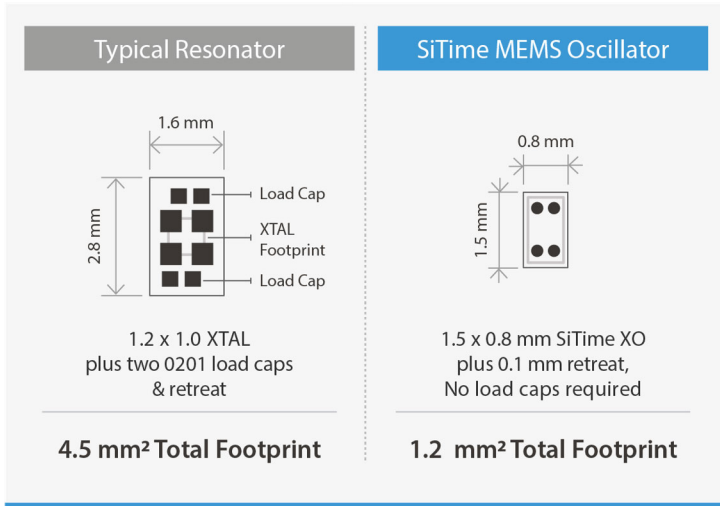


Application	Devices	Type	Key Features
Smart watches and fitness bands	SiT1580	TCXO	Low power : <4.5 μ A High robustness: Immune to small molecular gasses LVCMOS: Drive multiple loads Stability: ± 5 ppm
	SiT1532	XO	Low power: <1 μ A NanoDrive™ technology: Optimize output swing Stability: ± 75 ppm
	SiT1552	TCXO	Low power : <1 μ A NanoDrive™ technology: Optimize output swing Stability: ± 5 ppm

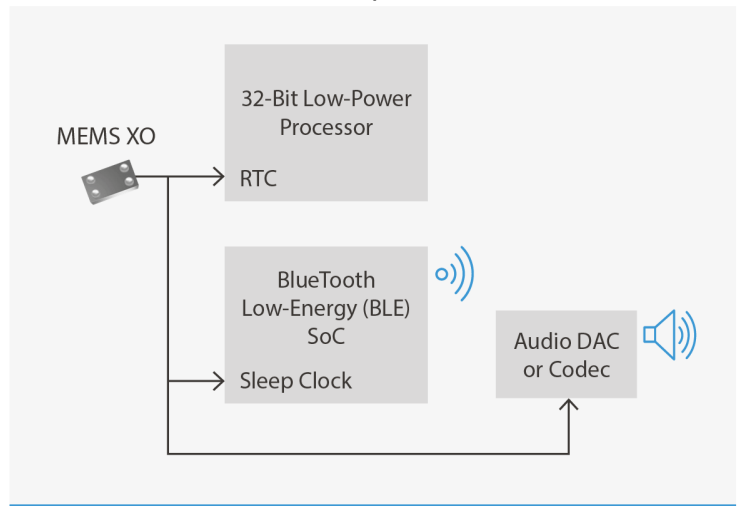
Lower Power



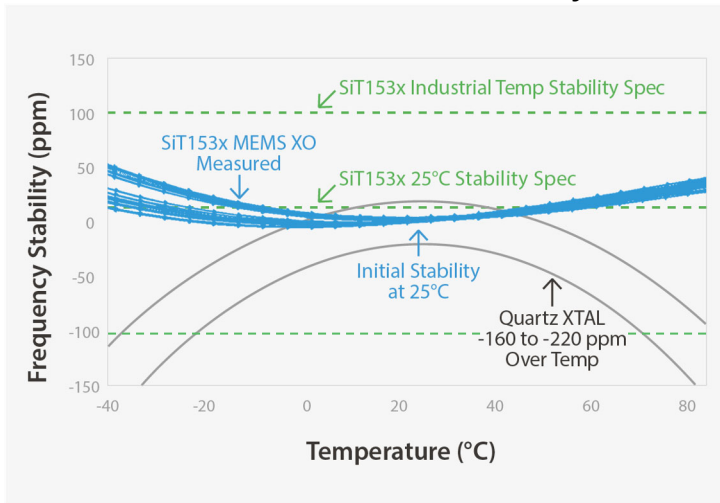
Smallest Size, Lower BOM



Drive Multiple Loads



Best 32 kHz Oscillator Stability



Better 32 kHz TCXO Stability

