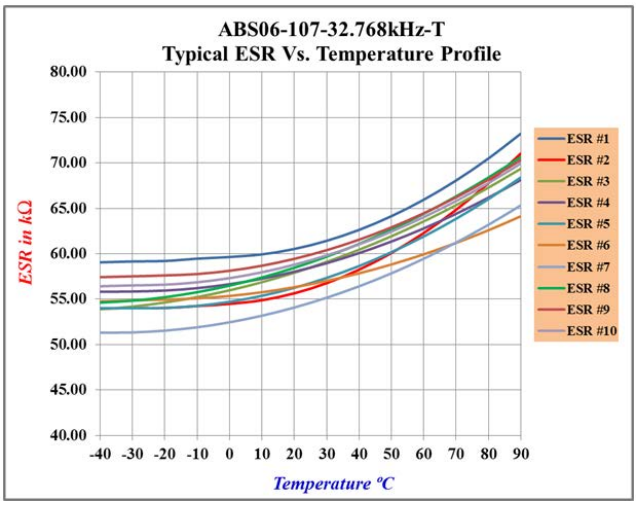
How would you clock your next-gen MCU? ……. Abracon has a solution!!

Since 1992, Abracon has focused on and has been the leading provider of critical time keeping and clocking components. Essential to most systems is the real time clock. Supplying a wide array of devices from a comprehensive kHz quartz crystal offering, commonly referred to as tuning forks, to sophisticated MEMS based kHz oscillators with or without temperature compensation – Abracon has it all. Whether your challenge is accuracy, size or low power consumption, Abracon supports your solution requirements.

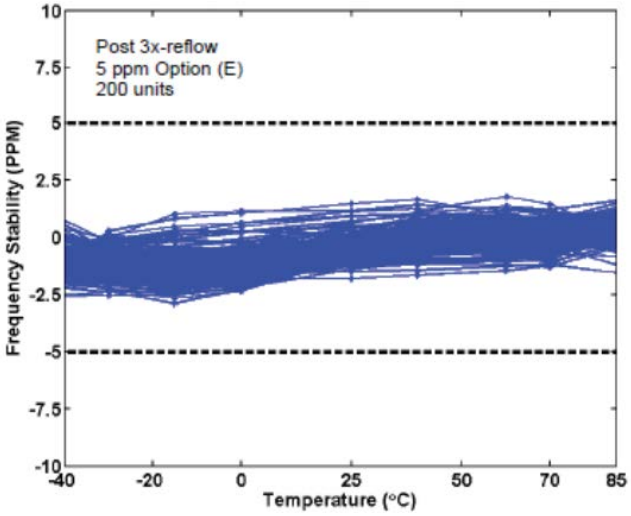
For low-energy SoC architectures, Abracon offers ESR optimized tuning fork crystals with plating loads as low as 4pF; ensuring proper startup and sustained oscillations under the harshest requirements – while drawing nanoamps of current.

2.0x1.2x0.6 mm Xtal; plated at 4.0pF



Systems requiring exceptional timing accuracy can utilize a variety of temperature compensated 32.768kHz solutions with better than ±5.00 ppm stability over -40°C to +85°C, in form-factors as miniature as (1.54x0.84x0.6) mm.

1.54x0.84x0.6mm MEMS TCXO



Architectures requiring processors to be predominantly in sleep mode can take advantage of Abracon RTC IC's, drawing merely 22 nanoamps (typical) – when mated with Abracon's ESR optimized tuning fork crystals.

3.0x3.0x0.85 mm QFN RTC IC

Abracon is currently developing state-of-the-art kHz solutions; which will further push the boundary of **What is Possible**!! Stay tuned for availability in Q2-2017…..