

SSXOs Require Less than 10 mA



Complying with EMI requirements, Pericom Semiconductor's M-Series spread spectrum crystal oscillators (SSXOs) present a power supply requirement of <math><10\text{ mA}</math> from a 2.500-V or 3.300-V power supply. The ceramic-packaged components offer package sizes of 7 mm × 5 mm (MK), 5 mm × 3.200 mm (MD), and 3.200 mm × 2.500 mm (MN), and operating frequencies from 16 MHz to 66.667 MHz. The devices operate in wireless routers, portable network connectivity applications, video surveillance, and digital set-top boxes. The SSXOs exhibit a modulation control option, which allows either center spread with a spread ratio up to $\pm 1.15\%$, or down spread with options for a spread ratio up to -2.3% . Pricing ranges from \$1.42 to \$1.49 each in 5,000 quantities.

Pericom Semiconductor
800-435-2336, www.pericom.com [1]

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