

Oscillators Provides Low Current Consumption



Fox Electronics, a leading global supplier of frequency control solutions, offers a series of small footprint, low current consumption oscillators for small and portable devices. The F100 HCMOS oscillator family is available in 1.8 V (F110 series), 2.5 V (F140 series), and 3.3 V (F130 series) options and a frequency range of 1.0 to 80.0 MHz, all in a compact 2.0 x 1.6 mm footprint with a low 0.8 mm profile. The compact size of the F100 oscillators makes them ideal for use in portable and space-constrained devices.

Featuring a standby function that reduces current consumption to 10 micro amps, the new Fox oscillators utilize power more efficiently. The F100 oscillators offer stabilities from ± 50 and ± 100 ppm across an operating temperature range of -20 to 70°C and an extended range of -40 to 85°C. Stability of ± 25 ppm is available over an operating temperature range of -10 to 60°C.

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