

Low-Noise VCO Offers Spectral Purity

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Mini-Circuits announces its surface-mount VCO model ROS-1590-319+ for applications requiring a low-noise signal at 1590 MHz. It offers optimal spectral purity with typical phase noise of -112 dBc/Hz offset 10 kHz from the carrier and -151 dBc/Hz offset 1 MHz. Harmonics are typically -23 dBc and spurious is typically -90 dBc. Peak-to-peak pulling is typically 0.4 MHz, while pushing is typically 0.6 MHz/V. This compact VCO delivers +0.5 dBm output power with maximum current draw of 33 mA from a +5 VDC supply. It features a tuning voltage range of 1 to 3.9 V for PLL applications.

www.minicircuits.com
800-654-7949

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