

VCO for Terrestrial Radio Market



The V844ME05 is a VCO that covers 3970 - 4150 MHz within 0.5 to 4.5 V DC of control voltage, while covering 180 MHz bandwidth with an average tuning sensitivity of 70 MHz/V. The V844ME05 realizes spectral purity of ± 87 dBc/Hz, typically, at 10 kHz from the carrier. The device draws 18 mA off a 5 V DC supply and furnishes the end user with ± 1.25 dBm of output power into a 50 Ω load. It is guaranteed to operate over the extended commercial temperature range of ± 40 to 85°C .

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<http://www.wirelessdesignmag.com/product-releases/2002/12/vco-terrestrial-radio-market>