

January 30, 2015



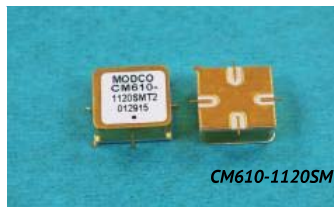
CM1100-1480SMT2

FULL SPECS (/pdf.php?idPro=2484)

RFQ

Modco model CM1100-1480SMT2 tunes 1100-1480MHz with a tuning voltage within 0.5-19 V. This RoHS compliant VCO operates from a VCC of 15v at 28ma and outputs +12 dBm of power. The package size is 0.45 inch square and height is 0.170 inch. Custom designs in this or any Modco package are available with no NRE costs. Designed, manufactured and tested in Sparks, Nevada USA.

January 29, 2015



CM610-1120SMT2

FULL SPECS (/pdf.php?idPro=2482)

RFQ

Modco's CM610-1120SMT2 VCO (Voltage Controlled Oscillator) tunes 610 to 1120 MHz with a control voltage range within 0.5 V to 19 V. Output power is +13 dBm typ with an input voltage of 15 V at 18 ma current. The oscillator features excellent linearity. Harmonic rejection is typically -25 dBc. Size is a 0.45x0.45x0.170 inch surface mount hermetic package.

January 22, 2015



MF902-928MMS

FULL SPECS (/pdf.php?idPro=2075)

RFQ

Model MF902-928MMS tunes 902 to 928 MHz and operates from a voltage of 3.3 volts at 13 ma. Ideal for phase locked loop designs with features including an internal buffer amp offering low frequency load pulling while outputting 5.8 dBm power. Phase noise is -110 dBc/Hz at 10KHZ offset and the package size is only 0.25x0.25x0.09 inches.

January 03, 2013



FL1646VS

FULL SPECS (/pdf.php?idPro=1766)

RFQ

Modco model FL1646VS tunes 6100-7000MHz with a 1-10 V tuning voltage. RoHS compliant the VCO only draws 23ma and delivers a power output of +5.5dBm. The package size is 0.175 inch square and height is 0.075 inch. Custom designs in this or any Modco package are available with no NRE costs. Designed and manufactured in the USA.

November 19, 2012



MW1600-3200MST

FULL SPECS (/pdf.php?idPro=1699)

RFQ

New wide-band Modco MW1600-3200MST tunes 1600-MHz-3200MHz. Phase Noise is -89dBc @10kHz offset. The unit draws 16ma and delivers +6.0dBm of power. Operating Temperature range is -40 to +85 °C. Industry standard 0.5 inch square package.

February 22, 2012



LVC440-495VS

FULL SPECS (/pdf.php?idPro=1694)

RFQ

Model LVC440-495VS tunes 440MHz to 495MHz and is used in handheld wireless RF applications. A bias voltage of 1.5V delivers + 2.0dBm power with only 5ma current consumption. Phase noise is -94dBc @ 10kHz offset. Package size is 0.175 inch square with height of .075 inch. Supplied on T&R and priced @ \$4.95 ea for 10k quantity.

December 21, 2011



MD1200-1700MST

FULL SPECS (/pdf.php?idPro=1692)

RFQ

September 17, 2011



LVC401-406VS

FULL SPECS (/pdf.php?idPro=1672)

RFQ

September 17, 2011



MCR958-962MC

FULL SPECS (/pdf.php?idPro=1669)

RFQ

Modco's latest addition to its line of broad band low Phase Noise VCO's is model MD1200-1700MST. The unit tunes 1200MHz to 1700MHz in 0.5V to 12.0V. Phase Noise is -105dBc @ 10kHz offset. Low Profile package size is 0.500 X .500 X 0.125 inch.

Model LVC401-406VS tunes 401MHz to 406MHz and is used in MedRadio applications. A bias voltage of 1.5V delivers + 2.0dBm power with only 5ma current consumption. Phase noise is -98dBc @ 10kHz offset. Package size is 0.175 inch square with height of .075 inch.

Modco's latest addition to its line of ultra low Phase Noise VCO's is model MCR958-962MC. Covering 958MHz to 962MHz typical Phase Noise is -132dBc @ 10kHz offset. Package size is 0.500 X .500 X 0.235.

August 10, 2011



MCR3340-3350MC

FULL SPECS (/pdf.php?idPro=1661)

RFQ

Modco MCR3340-3350MC operates at 3340MHz through 3350MHz. It provides very low Phase Noise of -114dBc @ 10kHz. Vcc is 5V and the VCO tunes the band in 0.5V to 4.5V and consumes only 22ma. The package is 0.500 inch square and 0.235 inch tall.

June 08, 2011



MCR830-870MX

FULL SPECS (/pdf.php?idPro=1660)

RFQ

Modco model MCR830-870MX tunes 830MHz - 870MHz. The unit features a negative slope modulation port. Phase Noise is an impressive -127dBc @ 10kHz offset and current consumption is only 19ma. The package is the industry standard 0.5 inch square. Many other frequency bands are available.

June 06, 2011



MCR840-870MC

FULL SPECS (/pdf.php?idPro=1658)

RFQ

Modco MCR840-870MC covers 840MHz to 870MHz with a Tuning Voltage of 1.0Vdc to 12Vdc and consumes a mere 21.5ma. It has exceptionally low Phase Noise of -130dBc @ 10kHz offset. Package is industry standard 0.500 inch square and height of 0.235 inch.

May 16, 2011



MD4770-5010MST

FULL SPECS (/pdf.php?idPro=1655)

RFQ

Modco model MD4770-5010MST covers 4770MHz to 5010MHz with a Tuning Voltage of 0.5Vdc-7.5Vdc. It has exceptionally low Phase Noise of -98dBc @ 10kHz offset. Package is industry standard 0.500 inch square and a low profile height of 0.125 inch.

April 19, 2011



MCR1910-1925MC

FULL SPECS (/pdf.php?idPro=1645)

RFQ

The MCR1910-1925MC is a 1910-1925MHz CRO that provides exceptional Phase Noise of -120dBc @ 10KHz offset, Vcc of 5.0V, Vt of 0.5V to 4.5V and Icc of 22ma.

April 06, 2011



MCR7200-7350MC

FULL SPECS (/pdf.php?idPro=1644)

RFQ

MODCO now offers a Fundamental Coaxial Resonator Oscillator for 7GHz applications. The new MCR7200-7350MC tunes 7200-7350MHz. Phase Noise is -94dBc @ 10KHz offset, Vcc is 8.0, Vt is 0.5 - 7.5 and Icc is 21ma. Industry standard 0.5 inch package.

March 21, 2011



MCR845-855MC

FULL SPECS (/pdf.php?idPro=1640)

RFQ

The MCR845-855MC is a 845-855MHz CRO that provides exceptional Phase Noise of -125dBc @ 10KHz offset, Vcc of 3.3V and Icc of 12ma. It is ideal for portable applications where minimum

January 16, 2011



MCR3860-3880MC

FULL SPECS (/pdf.php?idPro=1641)

RFQ

The new MCR3860-3880MC CRO tunes 3860-3880MHz CRO. Phase Noise is -103dBc @ 10KHz offset, Vcc is 5.0V and Icc is 19ma. Industry standard 0.5 inch package.

VCO Series

LVC SERIES LOW VOLTAGE VCO'S (/PRODUCT-SEARCH/?PART=LVC)

Ideal for battery powered wireless applications. They require only 1.5V bias and draw just 5mA. The package size 0.175 inch square and height of 0.075 inch. (/product-search/?part=LVC)

MD SERIES STRIPLINE LOW NOISE VCO'S (/PRODUCT-SEARCH/?PART=MD)

Very low Phase Noise low profile Strip-line design in 0.5 inch square package. Designs available from 100MHz to 5000MHz. (/product-search/?part=MD)

MX SERIES VCO'S WITH MODULATION INPUT (/PRODUCT-SEARCH/?PART=MX)

Very Low Phase Noise VCO's with the added functionality of a modulation port for increased design flexibility and reduced part count. Modulation sensitivity is typically a negative slope of 20kHz/volt to 40kHz/volt. (/product-search/?part=MX)

MF SERIES MICRO-STRIP VCO'S (/PRODUCT-SEARCH/?PART=MF)

Very low Phase Noise Micro-strip line design offered in a variety of packages. Incorporates an internal buffer amplifier. Frequencies from 350MHz to 3000MHz. (/product-search/?part=MF)

MCS SERIES CRO BASED VCO'S (/PRODUCT-SEARCH

HERMETICALLY SEALED MILITARY GRADE VCO'S (/PRODUCT-SEARCH/?PACK=TO8,HSM,SMT,SMT2)

Very low Phase Noise high reliability military/aerospace grade TO8 and SMT VCO's available from 10MHz to 6500MHz. All are available full hermetic (Military Grade), or in non hermetic versions for reduced cost. (/product-search/?pack=TO8,HSM,SMT,SMT2)

MCR SERIES COAXIAL RESONATOR OSCILLATORS (/PRODUCT-SEARCH/?PART=MCR)

Provides the ultimate in low Phase Noise performance. CRO designs available for frequencies from 600MHz to 7860MHz. Industry standard 0.5 inch square package. Low profile 0.125 inch height are available on select models. (/product-search/?part=MCR)

LEGACY AND CONNECTORIZED VCO'S (/LEGACY/)

Various models, frequencies, and package styles. Frequencies from 10MHz up to 6400Mhz. Some models may no longer be available. (/legacy/)

FL SERIES ULTRA SMALL VCO'S (/PRODUCT-SEARCH/?PART=FL)

Worlds smallest VCO in a 0.175 inch package. Available frequencies from 125MHz up to 12GHz. (/product-search/?part=FL)

[/?PART=MCS\)](#)

The worlds smallest Coaxial Resonator

Oscillator . Lowest Phase Noise VCO's in a 0.3

inch square package. ([/product-search](#)

[/?part=MCS\)](#)