



查询CLV0625L-LF供应商

Z-Communications, Inc.

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捷多邦, 专业PCB打样工厂, 24小时加急出货

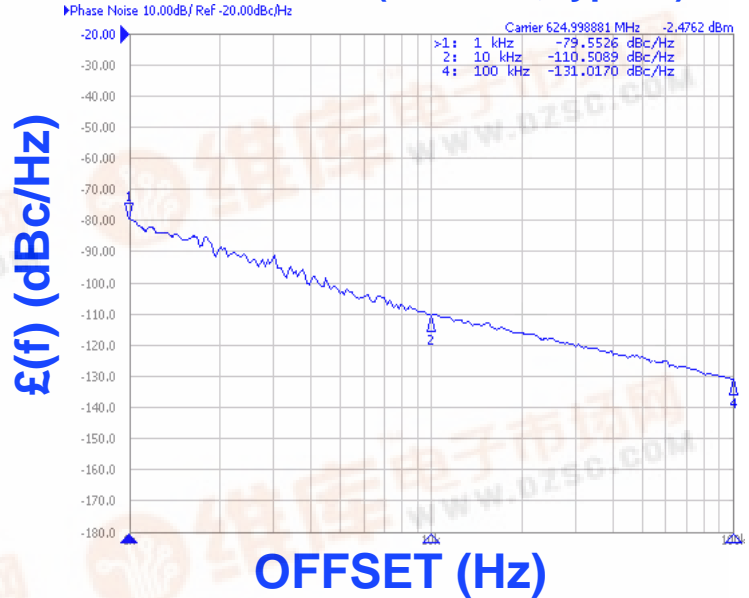
CLV0625L-LF

VOLTAGE CONTROLLED OSCILLATOR

Rev B2



PHASE NOISE (1 Hz BW, typical)



FEATURES

- Frequency Range: 575 - 675 MHz
- Tuning Voltage: 0.5-4.5 Vdc
- MINI-14S-L - Style Package

APPLICATIONS

- Wireless Radios
- Basestations
-

PERFORMANCE SPECIFICATIONS

| PERFORMANCE SPECIFICATIONS | VALUE | UNITS |
|---|------------|--------|
| Oscillation Frequency Range | 575 - 675 | MHz |
| Phase Noise @ 10 kHz offset (1 Hz BW, typ.) | -110 | dBc/Hz |
| Harmonic Suppression (2nd, typ.) | -10 | dBc |
| Tuning Voltage | 0.5-4.5 | Vdc |
| Tuning Sensitivity (avg.) | 49 | MHz/V |
| Power Output | 3±2 | dBm |
| Load Impedance | 50 | Ω |
| Input Capacitance (max.) | 150 | pF |
| Pushing | <2 | MHz/V |
| Pulling (14dB Return Loss, Any Phase) | <0.5 | MHz |
| Operating Temperature Range | -40 to 85 | °C |
| Package Style | MINI-14S-L | |

POWER SUPPLY REQUIREMENTS

| | | |
|----------------------------|----|-----|
| Supply Voltage (Vcc, nom.) | 5 | Vdc |
| Supply Current (Icc, typ.) | 24 | mA |

All specifications are typical unless otherwise noted and subject to change without notice.

APPLICATION NOTES

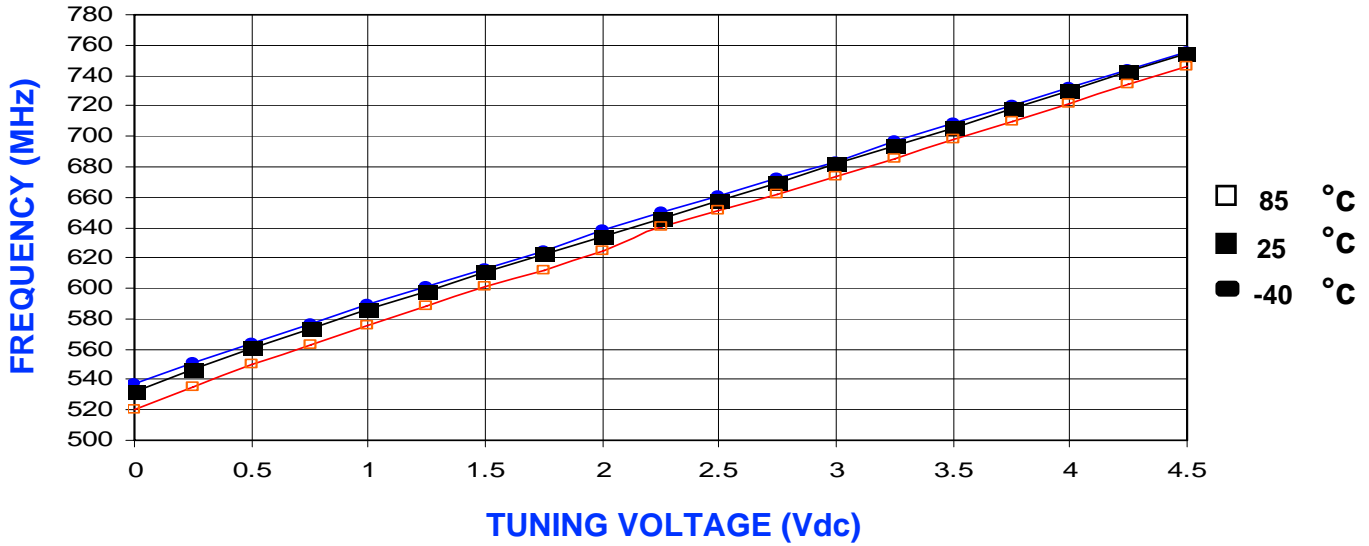
- AN-100/1 : Mounting and Grounding of VCOs
- AN-102 : Proper Output Loading of VCOs
- AN-107 : How to Solder Z-COMM VCOs

NOTES:

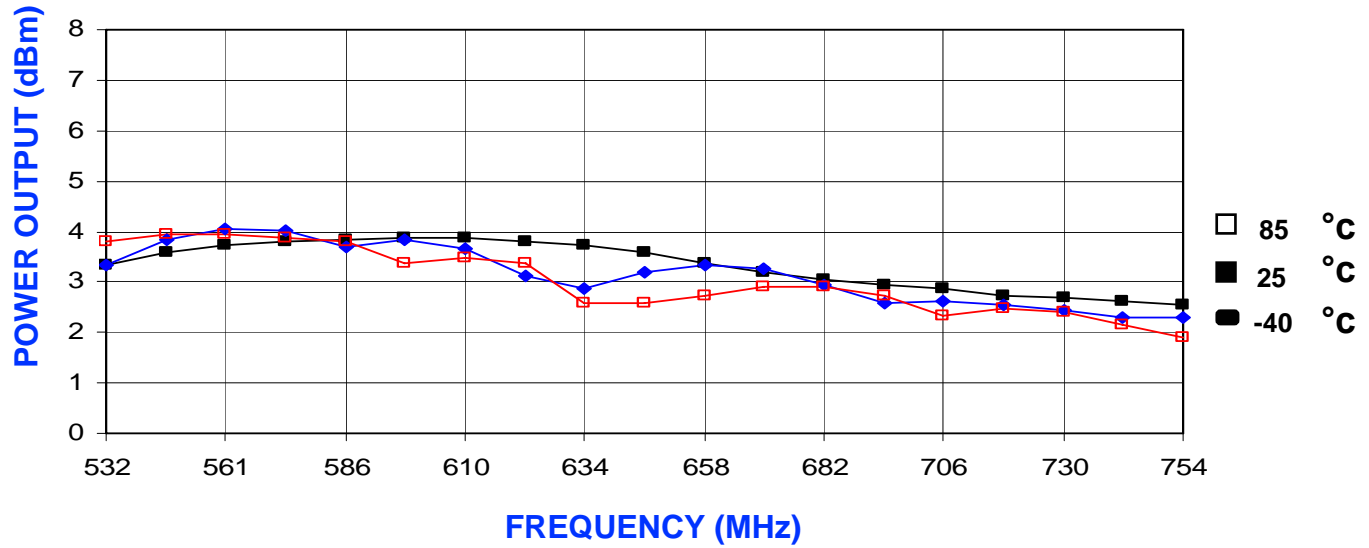
Phase Noise @ 100 kHz offset (1 Hz BW, max.): -130 dBc/Hz



TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

