



查询CLV0815E-LF供应商

Z-Communications, Inc.

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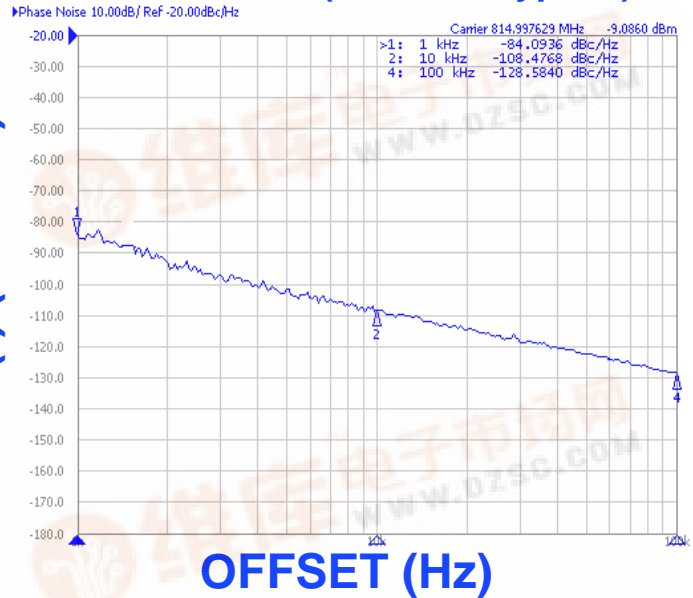
捷多邦, 专业PCB打样工厂, 24小时加急出货

CLV0815E-LF

VOLTAGE CONTROLLED OSCILLATOR

Rev B2

PHASE NOISE (1 Hz BW, typical)



FEATURES

- Frequency Range: 806 - 824 MHz
- Tuning Voltage: 0.5-4.5 Vdc
- MINI-14MS- - Style Package

APPLICATIONS

- Digital Cellular
- VHF Communications
- Portable Terminal Radio

PERFORMANCE SPECIFICATIONS

| PERFORMANCE SPECIFICATIONS | VALUE | UNITS |
|---|---------------|--------|
| Oscillation Frequency Range | 806 - 824 | MHz |
| Phase Noise @ 10 kHz offset (1 Hz BW, typ.) | -109 | dBc/Hz |
| Harmonic Suppression (2nd, typ.) | -35 | dBc |
| Tuning Voltage | 0.5-4.5 | Vdc |
| Tuning Sensitivity (avg.) | 26 | MHz/V |
| Power Output | -5±4 | dBm |
| Load Impedance | 50 | Ω |
| Input Capacitance (max.) | 100 | pF |
| Pushing | <1 | MHz/V |
| Pulling (14dB Return Loss, Any Phase) | <4 | MHz |
| Operating Temperature Range | -35 to 85 | °C |
| Package Style | MINI-14MS-LOW | |

POWER SUPPLY REQUIREMENTS

| | | |
|----------------------------|----|-----|
| Supply Voltage (Vcc, nom.) | 5 | Vdc |
| Supply Current (Icc, typ.) | 11 | mA |

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

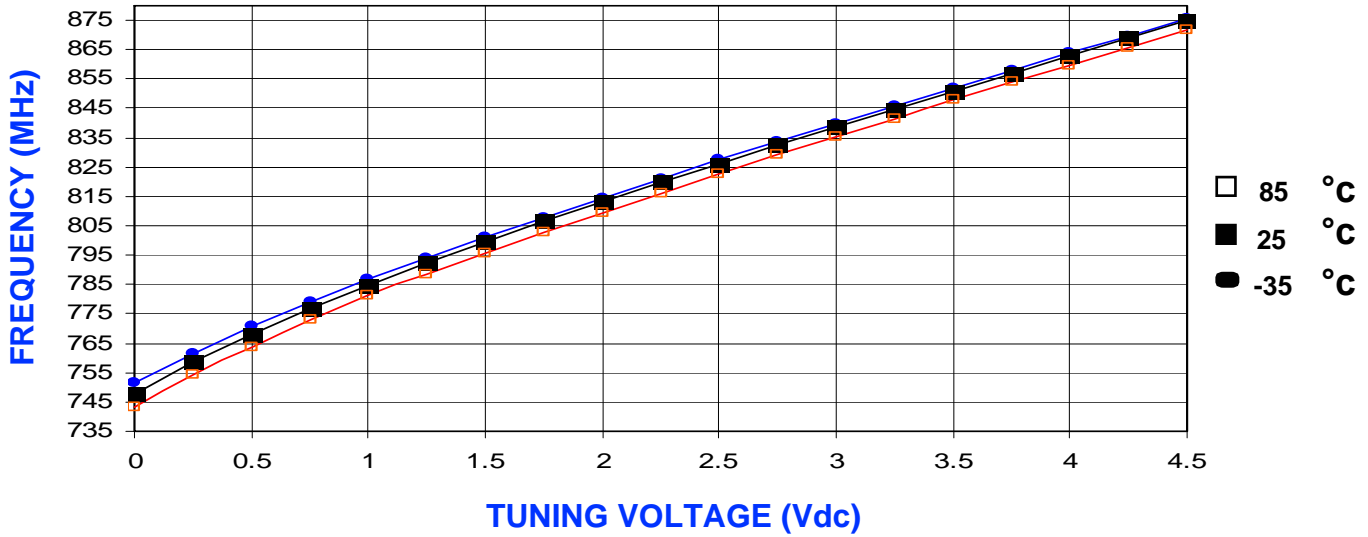
APPLICATION NOTES

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

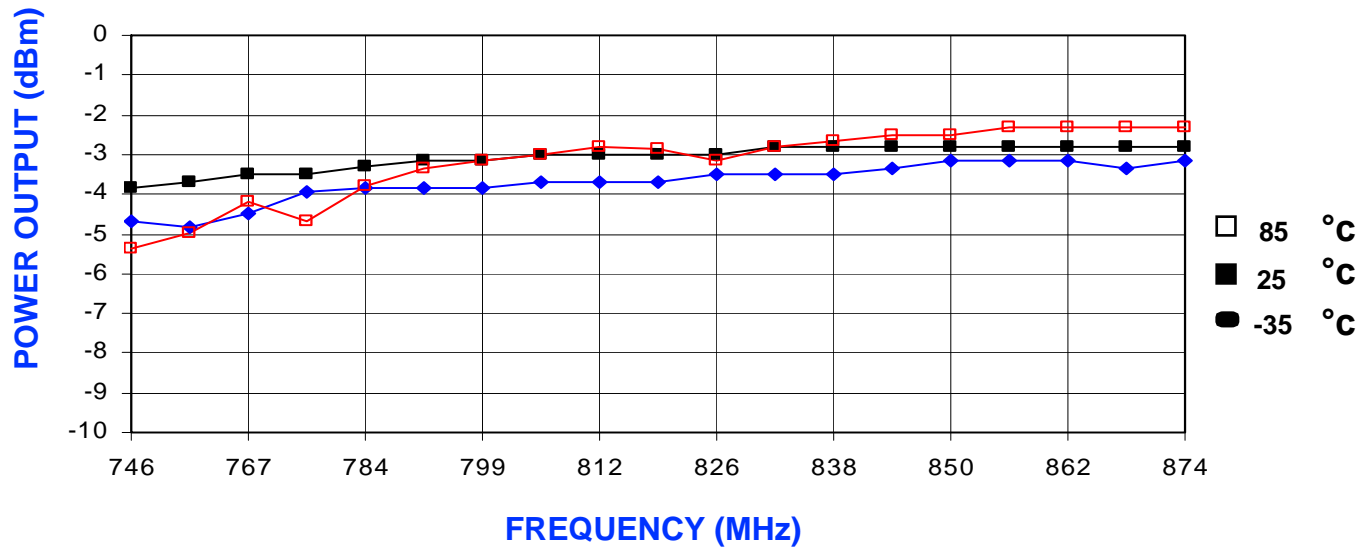
NOTES:



TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

