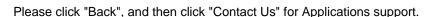
Engineering Development Model

Voltage Controlled Oscillator

ZOS-ED10434/1

Important Note

This model has been designed, built and tested in our engineering department. Performance data represents model capability. At present it is a non-catalog model. On request, we can supply a final specification sheet, part number and price/delivery information.





CASE STYLE: BR386

ELECTRICAL SPECIFICATIONS 50Ω **Parameter** Min. Max. Units Тур. Frequency 790 806 MHz **Tuning Voltage** 0 - 10 V Power Output +11 dBm **Phase Noise** at 1 kHz offset -68 dBc/Hz at 10 KHz offset -92 dBc/Hz at 100 KHz offset dBc/Hz -112 at 1000 kHz offset dBc/Hz -132 Pulling at 12 dBr PK-PK all phases 0.05 MHz Pushing at Vcc ± 5% 0.2 MHz/V **Tuning Sensitivity** 7 - 20 MHz/V **Harmonic Suppression** -21 0 dBc 3 dB Modulation Bandwidth 4400 kHz Supply Voltage 12 V **Supply Current** 140 mΑ

MAXIMUM RATINGS	
Operating Temperature	-55°C to 85°C
Storage Temperature	-55°C to 100°C
Absolute Supply Voltage (Vcc)	+14V
Absolute Tuning Voltage (Vtune)	+12V

PIN CONNECTIONS		
RF OUT	10	
VCC	14	
V-TUNE	2	
GROUND	1,3,4,5,6,7,8,9,11,12,13,15,16	