

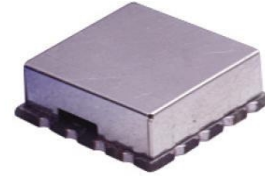
Engineering Development Model

Voltage Controlled Oscillator

ROSA-ED9473/3

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.



Please click "Back", and then click "Contact Us" for Applications support.

CASE STYLE : DU674

ELECTRICAL SPECIFICATIONS 50Ω				
Parameter	Min.	Typ.	Max.	Units
Frequency	2655		2876	MHz
Tuning Voltage	1		20	V
Power Output		-4		dBm
Phase Noise				
at 1 kHz offset		-79		dBc/Hz
at 10 KHz offset		-105		dBc/Hz
at 100 KHz offset		-125		dBc/Hz
at 1000 kHz offset		-145		dBc/Hz
Pulling at 12 dBm PK-PK all phases		1		MHz
Pushing at Vcc±5%		5		MHz/V
Tuning Sensitivity		15 - 45		MHz/V
Harmonic Suppression		-34		dBc
3 dB Modulation Bandwidth		30000		kHz
Supply Voltage		10.5		V
Supply Current			40	mA

MAXIMUM RATINGS	
Operating Temperature	-55°C to 85°C
Storage Temperature	-55°C to 100°C
Absolute Supply Voltage (Vcc)	+12.5V
Absolute Tuning Voltage (Vtune)	+22V

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