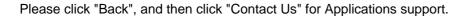
Engineering Development Model

Voltage Controlled Oscillator

ROS-EDR4255/2

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: CK605

ELECTRICAL SPECIFICATIONS 50Ω

Parameter	Min.	Тур.	Max.	Units
Frequency	1206		1317	MHz
Tuning Voltage	0.5		5	V
Power Output		+3		dBm
Phase Noise				
at 1 kHz offset		-86		dBc/Hz
at 10 KHz offset		-108		dBc/Hz
at 100 KHz offset		-128		dBc/Hz
at 1000 kHz offset		-146		dBc/Hz
Pulling at 12 dBr PK-PK all phases		0.4		MHz
Pushing at Vcc=5V±0.25V		2		MHz/V
Tuning Sensitivity		20 - 30		MHz/V
Harmonic Suppression		-25	-23	dBc
3 dB Modulation Bandwidth		2500		kHz
Supply Voltage		5		V
Supply Current			32	mA

MAXIMUM RATINGS			
Operating Temperature	-55°C to 85°C		
Storage Temperature	-55°C to 100°C		
Absolute Supply Voltage (Vcc)	+7V		
Absolute Tuning Voltage (Vtune)	+7V		

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