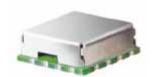
Engineering Development Model

Voltage Controlled Oscillator

ROS-ED13436/1

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.



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

CASE STYLE: CK605

ELECTRICAL SPECIFICATIONS 50Ω					
Parameter	Min.	Тур.	Max.	Units	
Frequency	1510		1740	MHz	
Tuning Voltage	.5		11.5	V	
Power Output		-3		dBm	
Phase Noise					
at 1 kHz offset		-80		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 dBr PK-PK all phases		.4	1.5	MHz	
Pushing at Vcc ± 5%		1.5		MHz/V	
Tuning Sensitivity		26-35		MHz/V	
Harmonic Suppression		-15		dBc	
3 dB Modulation Bandwidth		160,000		kHz	
Supply Voltage		3.3		V	
Supply Current			25	mA	

MAXIMUM RATINGS		
Operating Temperature	-55°C to 85°C	
Storage Temperature	-55°C to 100°C	
Absolute Supply Voltage (Vcc)	+5V	
Absolute Tuning Voltage (Vtune)	+13V	

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