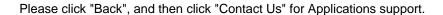
Voltage Controlled Oscillator

ROS-ED13086/1

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: CK1113

ELECTRICAL SPECIFICATIONS 50Ω					
Parameter	Min.	Тур.	Max.	Units	
Frequency	1294		1298	MHz	
Tuning Voltage		1.5 - 10		V	
Power Output		+10		dBm	
Phase Noise					
at 1 kHz offset		-98		dBc/Hz	
at 10 KHz offset		-125		dBc/Hz	
at 100 KHz offset		-145		dBc/Hz	
at 1000 kHz offset		-165		dBc/Hz	
Pulling at 12 dBr PK-PK all phases		0.5		MHz	
Pushing at Vcc ± 5%		0.01		MHz/V	
Tuning Sensitivity		6 - 7		MHz/V	
Harmonic Suppression		-26	0	dBc	
3 dB Modulation Bandwidth		120000		kHz	
Supply Voltage		8		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)	+10V	
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	