Engineering Development Model

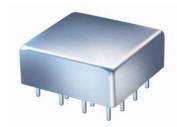
Voltage Controlled Oscillator

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.

POS-ED4783A/1



CASE STYLE: C145

ELECTRICAL SPECIFICATIONS 50Ω					
Parameter	Min.	Тур.	Max.	Units	
Frequency	134		175	MHz	
Tuning Voltage	1		18	V	
Power Output		+5		dBm	
Phase Noise					
at 1 kHz offset		-94		dBc/Hz	
at 10 KHz offset		-122		dBc/Hz	
at 100 KHz offset		-145		dBc/Hz	
at 1000 kHz offset		-159		dBc/Hz	
Pulling at 12 dBr PK-PK all phases		0.05		MHz	
Pushing at Vcc=5V±0.25V		0.03		MHz/V	
Tuning Sensitivity		1.5 - 3		MHz/V	
Harmonic Suppression		-35		dBc	
3 dB Modulation Bandwidth		2000		kHz	
Supply Voltage		12		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)	+14V		
Absolute Tuning Voltage (Vtune)	+20V		

PIN CONNECTIONS		
RF OUT	10	
VCC	14	
V-TUNE	14	
GROUND	1,2,3,4,9,12,15,16	