Voltage Controlled Oscillator

POS-ED10855/1

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 : A06

ELECTRICAL SPECIFICATIONS 50Ω					
Parameter	Min.	Тур.	Max.	Units	
Frequency	200		380	MHz	
Tuning Voltage	1		16	V	
Power Output		+10		dBm	
Phase Noise					
at 1 kHz offset		-78		dBc/Hz	
at 10 KHz offset		-100		dBc/Hz	
at 100 KHz offset		-123		dBc/Hz	
at 1000 kHz offset		-146		dBc/Hz	
Pulling at 12 dBr PK-PK all phases		1.5		MHz	
Pushing at Vcc=5V±0.25V		0.4		MHz/V	
Tuning Sensitivity		11 - 16		MHz/V	
Harmonic Suppression		-30		dBc	
3 dB Modulation Bandwidth		150		kHz	
Supply Voltage		12		V	
Supply Current			19	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)	+18V	

PIN CONNECTIONS		
RF OUT	10	
VCC	14	
V-TUNE	8	
GROUND	3,4,5,6,7	



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