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1. OC36 SERIES: Frequency range: 1MHz - 200 MHz, 36x27x16mm DIP package

SPECIFICATIONS:

Item	AT Cut	SC Cut	Condition
Stability vs Temp.	≤±5E10^{-8}	≤±1E10^{-8}	-40℃~70℃@25℃
Aging per day	≤±1E10^{-9}	≤±5E10^{-10}	After 30 days operation
Aging per year	≤±1E10^{-7}	≤±5E10^{-8}	
Stability vs load	≤±5E10^{-9}	≤±1E10^{-9}	Load±5%
Stability vs Vcc	≤±5E10^{-9}	≤±1E10^{-9}	Vcc±5%
Phase noise@10MHz	≤-105/-135dBc/Hz	≤-120/-135dBc/Hz	@10Hz/100Hz
	≤-145/-150dBc/Hz	≤-150/-155dBc/Hz	@1kHz/10kHz
Electric tuning range	≥±3E10^{-6}	≥±5E10^{-7}	Vcc=5.0VDC
Control voltage range	0.0-5.0V		Positive slope
Output Waveform	HCMOS/TTL	Sine	
Output level	N/A	8±2dBm	50Ω
Spurious	N/A	≤-75dBc	
Sub-harmonics level	N/A	≤-35dBc	
Rise time	5ns (10->90% Vout)	N/A	15pF
Fall time	5ns (90->10% Vout)		
Duty cycle	45%-55%	N/A	
Power supply	5.0 / 12.0 / 15.0VDC		
Power consumption at steady state	1.2W		@+25℃
Power consumption at warm-up state	3W		
Storage temperature	-55℃ ~ +105℃		
Dimensions (Europack)