

OSC57A

■用途

SONET, SDH, Gbits, Ethernet, IEEE1394, Fibre channel

■特長

- Ceramic package, Size: 7.0×5.0×1.5 [mm]
- Low Jitter
- Low phase jitter 0.3ps typ./12KHz to 20MHz offset
- LVPECL differential outputs with Tri-state function



■仕様

Model	OSC57A	
Frequency range	40.000 ~ 200.000 MHz	
Nominal Frequency [MHz]	50, 62.5, 100, 106.25, 108, 125, 133, 155.52, 156.25, 161.123, 164.355, 200	
Storage temperature range	-40 ~ +85°C	
Operating temperature range	-10 ~ +70°C	
Frequency stability	±30×10 ⁻⁶ , ±50×10 ⁻⁶ , ±100×10 ⁻⁶	
Power supply voltage (Vcc)	+3.3V DC ±5%	+2.5V DC ±5%
Input voltage level	V _{IL} :0.3Vcc max. / V _{IH} :0.7Vcc min.	
Current consumption	90mA max. (60mA typ.) / 30uA max. (Standby)	
Output level	LVPECL	
Load	50Ω (terminus to Vcc-2V)	
Output voltage level	V _{OL} :Vcc-1.620 max. / V _{OH} :Vcc-1.025 min.	
Rise & Fall time	1ns max. (0.5ns typ.) / 20%~80%output swing level	
Duty cycle	45~55% at 50% output swing level	40~60% at 50% output swing level
Jitter	RMS 1σ 5ps max. (3ps typ.)	
Phase Jitter	RMS 1ps max. (0.3ps typ.) / 12kHz to 20MHz offset	
Tri-state Function	#1:"N.C." or "H"→Output enable / #1:"L"→Output disable (Hi-Z)	

詳細仕様については、当社営業窓口にてご確認ください。

■外形・寸法 [単位:mm]

