

## OSC57B

### ■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
- LVDS differential outputs with Tri-state function



### ■仕様

Model	OSC57B
Frequency range	80.000 ~ 200.000 MHz
Nominal Frequency [MHz]	100, 106.25, 108, 125, 133, 155.52, 156.25, 200
Storage temperature range	-40~+85°C
Operating temperature range	-10~+70°C
Frequency stability	$\pm 30 \times 10^{-6}$ , $\pm 50 \times 10^{-6}$ , $\pm 100 \times 10^{-6}$
Power supply voltage (Vcc)	+2.5V, +3.3V DC $\pm 5\%$
Input voltage level	$V_{IL}$ :0.3Vcc max. / $V_{IH}$ :0.7Vcc min.
Current consumption	70mA max. (50mA typ.) / 30uA max. (Standby)
Output level	LVDS
Load	100Ω (OUT-OUTN)
Output voltage level	$V_{OL}$ :0.9V min. / $V_{OH}$ :1.6V max.
Differential output voltage	0.33V typ.
Offset voltage	1.25V typ.
Rise & Fall time	1ns max. / 20%~80%Output swing level
Duty cycle	45~55% 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下さい。

### ■外形・寸法 [単位:mm]

