

## SCO-2520



### ■用途

Mobile phone, Wireless-LAN, PC-Card, DVD, DVC, DSC, etc.

### ■特長

- Very small ceramic package, Size: 2.5×2.0×0.8 [mm]
- -40~85°Cの広範囲な動作保証。
- Low current consumption
- CMOS output, 発振停止Tri-state function付き



\* Succession model of OSC91

### ■仕様

Model	SCO-2520			
Frequency range	0.750 ~ 60.000 MHz			
Storage temperature range	-55 ~ +100°C			
Operating temperature range	-20 ~ +70°C, -40 ~ +85°C			
Frequency stability	$\pm 30 \times 10^{-6}$ (-20 ~ 70°C), $\pm 50 \times 10^{-6}$ , $\pm 100 \times 10^{-6}$			
Power supply voltage (Vdd)	+3.3V DC $\pm 5\%$	+3.0V DC $\pm 5\%$	+2.5V DC $\pm 5\%$	+1.8V DC $\pm 5\%$
Current consumption	6 mA max.: ~19.9MHz 7 mA max.: ~39.9MHz 8 mA max.: ~60MHz	5.5 mA max.: ~19.9MHz 6.5 mA max.: ~39.9MHz 7.5 mA max.: ~60MHz	4.5 mA max.: ~19.9MHz 5.5 mA max.: ~39.9MHz 6.5 mA max.: ~60MHz	2.5 mA max.: ~29.9MHz 3.0 mA max.: ~39.9MHz 3.5 mA max.: ~60MHz
Output level	C-MOS			
Load	15pF max.			
Output voltage level	$V_{OL}$ : 10%Vdd max. / $V_{OH}$ : 90%Vdd min.			
Rise & Fall time	10ns max. / 0.1Vdd - 0.9Vdd			
Duty cycle	45% ~ 55% at 1/2Vdd		40% ~ 60% at 1/2Vdd, 45% ~ 55% at 1/2Vdd	
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]

