

STO-3225, STV-3225 series



■用途

Mobile communications, GPS, etc

■特長

- Small ceramic package, Size: 3.2x2.5x0.9 [mm]
- High stability $\pm 2.5\text{ppm}/-30^{\circ}\text{C}\sim+75^{\circ}\text{C}$
- Low current consumption
- Low phase noise
- Clipped sine output (DC coupled)



■仕様

Model	STO-3225	STV-3225	
Frequency range	8.000 ~ 52.000 MHz		
Nominal frequency [MHz]	8, 10, 13, 14.4, 16.3676, 19.2, 19.8, 20, 24.5535, 26, 39, 40, 44, 50		
Frequency stability	Tolerance at 25°C	$\pm 1.5 \times 10^{-6}$ (Sixty minutes after reflow)	
	Temperature (+25°C basis)	$\pm 2.5 \times 10^{-6} / -30\sim+75^{\circ}\text{C}$	
	Supply voltage stability	$\pm 0.2 \times 10^{-6} / V_{cc} \pm 5\%$	
	Load stability	$\pm 0.2 \times 10^{-6} / Z_L \pm 10\%$	
Aging	$\pm 1.0 \times 10^{-6} / \text{year at } +25^{\circ}\text{C}$		
Storage temperature range	$-40\sim+85^{\circ}\text{C}$		
Power supply voltage (Vcc)	1.8~ +3.3V DC $\pm 5\%$		
Current consumption	1.5mA max. (~26MHz) 2.0mA max. (~32MHz)	2.5mA max. (~52MHz)	
Output	Load (ZL)	10k Ω // 10pF	
	Voltage	0.8Vp-p min.	
	Vaveform	Clipped Sine Wave (DC-coupled output)	
External controlfunction	Frequency tuning range	—	$\pm 8.0 \times 10^{-6}$ min. (Positive)
	External control voltage	—	+1.5V ± 1.0 V DC / +0.9V ± 0.9 V DC
	Input impedance (Zvin)	—	500k Ω min. (770k Ω typ.)
Phase noise	-130dBc typ. at 1kHz offset		

特性向上の為、仕様を変更する場合があります。当社営業窓口にて最新の仕様をご確認下さい。

■外形・寸法 [単位:mm]

