

# SP7ST OSCILLATOR



## Specifications

Parameters	Standard	Options
Frequency range	10,0 MHz - 52,000 MHz	
Logic output	Clipped Sinewave	Sinewave
Frequency stability		
Overall	+/- 5,0 ppm	+/-3,0 ppm best possible
Initial at 25°C	Please specify	
Temperature		
vs supply voltage change		
vs load change		
Aging first year		
Aging over .... Years		
Operating temperature	0° C ~ +70°C	-20°C ~ +70°C
		-30°C ~ +75°C
		Other on custom request
Storage temperature	-40°C ~ +85°C	-55°C ~ +125°C
Supply voltage	5,0 V ± 5%	3,3 V ± 5%
		3,0 V ± 5%
Current	2,0 mA max	
Load	10 Kohm // 10 pF	Other on custom request
Jitter	Please specify ( if required )	
Phase noise		
Harmonics		
Sub-harmonics		
Start-up time	4 ms max.	Other on custom request
Marking	Freq + Code + Week +Year	

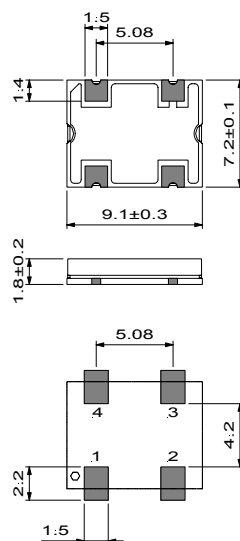
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Voltage Control Options		Options
External control voltage	+2,5 VDC $\pm$ 2,0 VDC (5,0V)	+ 1,65 VDC $\pm$ 1,35 VDC (3,3V)
		+ 1,50 VDC $\pm$ 1,0 VDC (3,0 V )
Linearity	$\pm$ 10% max.	
Frequency tuning range	$\pm$ 10 ppm	Other on custom request
Pulling slope	Positive	

## Drawing

Package	SP7 4pad	for some frequencies height 2,7 mm
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PC board footprint

pin configuration	#1 : GND / Vco	
	#2 : GND	
	#3 : Output	
	#4 : Vcc	