

# SX7EVL OSCILLATOR

## Specifications

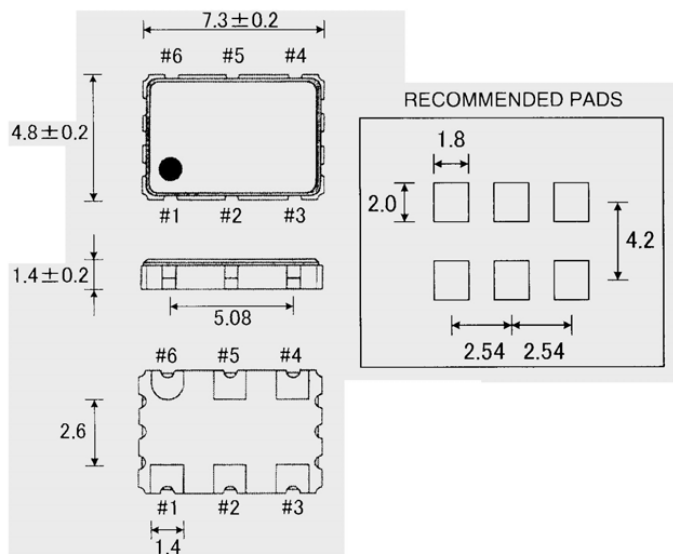
Parameters	Standard	Options
Frequency range	200 MHz - 800 MHz , Non-PLL circuit	
Logic output	LVPECL	
Frequency stability		
Overall	+- 50,0 ppm	
Initial at 25°C	included in overall stability	
Temperature		
vs supply voltage change		
vs load change		
Aging first year		
Operating temperature	-20° C ~ +70°C	-40°C ~ +85°C
Storage temperature	-55°C ~ +125°C	
Supply voltage	3,3 V +-5%	
Current	90 mA max	
Load	50 ohm to Vcc -2.0V	
Rise/fall time	0.5 ns max	
Duty cycle	45/55	
<b>Jitter RMS ( 12kHz ~20,0 MHz )</b>	<b>0.09 ps typ. , 0.5 ps max</b>	
Period Jitter RMS	4 ps typ. , 6 ps max	
Period jitter pk-pk	25 ps typ. , 30 ps max	
Linearity	± 10% max.	
Absolute Pulling Range APR	± 50 ppm min.	
Pulling slope	Positive	
External control voltage	+ 1,65 VDC ±1,65 VDC	

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Parameters	Standard	Options
Start-up time	10 ms max.	
Tristate	Low or open = disable , high Z High = enable	
Marking	Freq + Code + Week +Year	
Package	SX7 6 pad	

## Drawing



Pin configuration	#1: V control	Other on custom request
	#2 : E/D	
	#3 : GND	
	#4 : Output	
	#5 : Complementary output	
	#6 : Vcc	