

KCO-7050SS Series

Spread Spectrum Crystal Oscillators

Description	KCO-7050SS	
Frequency range	1.0 ~ 166.0 MHz	1.0 ~ 200.0 MHz
Frequency stability	$\pm 50\text{ppm}$, $\pm 100\text{ppm}$	
Operating temp range	$-20^{\circ}\text{C} \sim +75^{\circ}\text{C}$	
Input voltage	$2.5\text{V} \pm 10\%$	$3.3\text{V} \pm 10\%$
Modulation Ratio	Center Spread: $\pm 0.125\%$ to $+2.0\%$ Down Spread: -0.125% to -40%	0.125% steps 0.25% steps Modulation off
Input current	30mA Max.	
Output Load	CMOS	
Rise & Fall Time	15pF	15pF
Duty Cycle	3ns max. / 10% Vdd – 90% Vdd	
Tristate	45 to 55% at 1/2Vdd	
Cycle to Cycle Jitter(1sigma)	With 100ps max.	

All specifications are subject to change without notice.

Option: *Tighter Stability, *Extended Temperature, *Option 45:55 Duty Cycle

