

CLOCK OSCILLATORS

SMD-version 1,8V 2,5V 3,0V 3,3V

model	KXO-V99
frequency range	1,0 ~ 125,0 MHz
frequency stability at -20° ~ +70°C at -40° ~ +85°C	± 50 ppm ± 100 ppm
operating temperature	standard -20° ~ +70°C available -40° ~ +85°C (=KXO-V99T)
storage temperature	-55° ~ +125°C
symmetry at 1,0 ~ 70,0 MHz at 70,1 ~ 125,0 MHz	45%/55% ± 10% at ½ Vcc level 40%/60% ± 10% at ½ Vcc level
rise & fall time max.	4 ns
"0" level max.	Vcc x 0,1V
"1" level min.	Vcc x 0,9 V
input voltage Vcc	standard + 3,3V ± 10% available +1,8V ± 10%/ +2,5V / +3,0V each type ±10%
input current max.	15 mA max. (1,0 ~ 2,5 MHz) 8 mA max. (2,51 ~ 20,0 MHz) 15 mA max. (20,1 ~ 40,0 MHz) 22 mA max. (40,1 ~ 60,0 MHz) 25 mA max. (60,1 ~ 70,0 MHz) 30 mA max. (70,1 ~ 125,0 MHz)
output load	15pF
start up time max.	10 ms
tristate function	yes
enable/disable delay time	100 ns max.
stand by current	10 µA max.
lead-free	since production start
order no.	12.94600 ~ 12.94799

