

# IO 24



## Clock Oscillator 2,5 V/3,3 V LVDS

Dimensions l/w/h (max)	<b>7,2 mm x 3,2 mm x 2,0 mm</b>		
Frequency range	40,0 MHz to 800,0 MHz		
Operating temperature	Refer to Ordering Guidance		
Frequency Stability in Operating Temp. Range	Refer to Ordering Guidance		
Storage temperature	-55°C to +125°C		
Output load between Q and QN	100 Ohm		
Output symmetry	45-55%		
Power supply voltage	2,5 V $\pm$ 5%		3,3 V $\pm$ 10%
Rise & Fall Time 20%/80%	40,0 MHz -100,0 MHz	1,0 nS	1,0 nS
	101,0 MHz -160,00 MHz	0,5 nS	0,5 nS
	161,0 MHz - 800,00 MHz	1,5 nS	1,5 nS
Input current max.	40,0 MHz -100,0 MHz	60 mA	60 mA
	101,0 MHz -160,00 MHz	65 mA	65 mA
	161,0 MHz -800,00 MHz	100 mA	110 mA
Output Voltage High (VOH)	1,6 V min		1,6 V min
Output Voltage Low (VOL)	0,9 V max		0,9 V max
Differential Output Voltage (VOD)	247-454 mV		247-454 mV
Offset Voltage (VOS)	1,125-1,375 V		1,125-1,375 V
Enable High Input Voltage	1,75 V min		2,31 V min
Enable Low Input Voltage	0,75 V max		0,99 V max
Aging	$\pm$ 3 ppm		

