

# IO 10



## Clock Oscillator 2,5 V

Dimensions l/w/h (max)	<b>2,6 mm x 2,1 mm x 1,0 mm</b>	
Frequency range	2,0 MHz to 50,0 MHz	
Operating Temperature	Refer to Ordering Guidance	
Frequency Stability in Operating Temp. Range	Refer to Ordering Guidance	
Power supply voltage	2,5 V	
Storage Temperature	-55°C to +125°C	
Output level	CMOS	
Output symmetry	40-60% (45-55% avail.) at 50%VDD	
Rise & Fall Time	1,99 MHz to 19,99 MHz	7 nS
	20,0 MHz to 50,0 MHz	6 nS
Input current max.	1,0 MHz to 1,99 MHz	6 mA
	10,0 MHz to 31,99 MHz	8 mA
	32,0 MHz to 50,0 MHz	20 mA
Output load	15pF	
Standby current	50 µA	
Tristate controlvoltage	VIH: VDD x 0,7min VIL: VDD x 0,3 max	
Aging	±2 ppm	

