

IO 19



Clock Oscillator 1,8 V/2,5 V/3,3 V

Dimensions l/w/h (max)	7,2 mm x 5,2 mm x 1,4 mm			
Frequency range	0,5 MHz to 135,0 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 level	CMOS/TTL			
Output symmetry	45-55% (40-60% avail.) ±10% at 50%VDD			
Power supply voltage	1,8 V	2,5 V	3,3 V	±10%
Input current	0,50 MHz ~ 9,99 MHz	3 mA	3 mA	5 mA
	10,0 MHz ~ 19,99 MHz	5 mA	5 mA	10 mA
	20,0 MHz ~ 49,99 MHz	10 mA	15 mA	20 mA
	50,0 MHz ~ 79,99 MHz	15 mA	20 mA	25 mA
	80,0 MHz ~ 135,00 MHz	20 mA	25 mA	40 mA
Rise & Fall time	0,50 MHz ~ 4,99 MHz	10 nS	8 nS	6 nS
	5,00 MHz ~ 19,99 MHz	8 nS	6 nS	5 nS
	20,0 MHz ~ 49,99 MHz	6 nS	5 nS	5 nS
	50,0 MHz ~ 79,99 MHz	5 nS	5 nS	4 nS
	80,0 MHz ~ 135,00 MHz	5 nS	4 ns	3 nS
Tristate	Yes			
Output load	15 pF			
Standby current	10 µA max.			
Aging	±3 ppm			

