

Crystal Oscillators----FULL SIZE Series



Feature

- 3.3V 5.0V available

Specification

• ELECTRICAL CHARACTERISTICS			
PARAMETERS		MAX (unless otherwise noted)	
Frequency Range (Fo)	0.500 - 150.000 MHz		
Frequency Stability	±100ppm		
Operating Temperature	-10°C +70°C		
Supply Voltage (V _{DD})	3.3V ± 10%	5.0V ± 10%	
Input Current	30mA	40mA	
Symmetry (50% V _{DD})	45/55%		
Rise Time (10% - 90% V _{DD}) (TR)	5nS		
Fall Time (90% -- 10% V _{DD}) (Tr)	5nS		
Output Voltage "0"Level(max)	10% VDD		
"1"Level(min)	90% VDD		
Output Current "0"Level(min)	16mA	16mA	
"1"Level(min)}	4mA	16mA	
Output Load (HCMOS)	15pF/10TTL		
Start-up'rime (Ts)	10mS		
E/D Function #1 Open	#8 Active		
#1 ≥0.7VDD	#8 Active		
#1 ≤0.3VDD	#8 High Z		

Pad Connections

PIN No	FUNCTION	PIN No	FUNCTION
1	E/D	8	OUTPUT
7	Vss	14	VDD

Dimension(Unit:mm)

