

Crystal Oscillators----HALF SIZE Series



Feature

- 3.3V 5.0V available

Specification

• ELECTRICAL CHARACTERISTICS		
PARAMETERS	MAX (unless otherwise noted)	
Frequency Range	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	30mA
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% V _{DD}	
Output Current "0"Level(min) "1"Level(min)}	16mA	16mA
	4mA	16mA
Output Load (HCMOS)	15pF/10TTL	
Start-up time (Ts)	10mS	
E/D Function #1 Open #1 ≥0.7V _{DD}	#5 Active	#5 Active
	#5 Active	#5 Active

Pad Connections

PIN No	FUNCTION	PIN No	FUNCTION
1	E/D	5	OUTPUT
4	V _{SS}	8	V _{DD}

Dimension(Unit:mm)

