



GENERIC SPECIFICATION

ITEM	3.3V	2.5V	1.8V	REMARK
Frequency Range	32.768KHz to 160.0MHz			
Frequency Stability *	±20, ±30, ±50 ppm			All Condition
Temperature Range	Storage Temp.			-40°C to +85°C option
	Operating Temp.			
Power Supply Voltage	3.3V±10%	2.5V ±10%	1.8V ±10%	
Supply Current	1.0MHz≤Freq. < 24MHz	10mAmax.	8mA max	8mAmax.
	24MHz≤Freq. < 50MHz	15mAmax.	12mA max	10mAmax.
	50MHz≤Freq.<120MHz	20mAmax.	15mA max	12mAmax.
	120MHz≤Freq.<160M Hz	25mAmax.	20mA max	—
	160MHz≤Freq.≤200M Hz	30mAmax.	—	—
Output Symmetry ( at 1/2Vdd)	40~60%			45~55% option
Rise Time ( 10%-90%Vdd )	5nS max.			
Fall Time (90%-10%Vdd )	5nS max.			
Output Voltage	VoH	90% Vdd min		
	VoL	10% Vdd max		
Output Load ( HCOMS Load )	15pF (Typical)			
Start-up Time	5mS max			
Pin 1, Tri-state function	Pin1=H or open .... Output active at Pin3 Pin1=L.... high impedance at Pin3, No Output			
Aging	First year ±3ppm			