

YIC VCXO (VX Series)

VX Series : Voltage - Controlled Crystal Oscillator

1.000 ~ 200.000MHz

● SPECIFICATION

Frequency Range	1.000 - 200.000MHz
Input Voltage (VDD)	1.8V,3.0V,3.3V,5.0V
Frequency Stability	±25,±50,±100PPM
Operating Temperature	-10℃~+70℃ typical, -40℃~+85℃ Available
Storage Temperature	-40℃~+85℃
Output Voltage	V _{OH} =0.9V _{DDmin} , V _{OL} =0.1V _{DDmax}
Symmetry	40 - 60% Typical
Pulling Range	±30PPM~±200PPM(Optional, See Below)
Output Load	10 TTL/15pF Typical
Star-up Time	10nSec.max
Rise/Fall Time	10 ns , max (5 ns .Typical)
Current Consumption	15~45mA max
Linearity	10 % max
Aging	±5PPM/year

● PART NUMBERING

VX	Package Code	Input Voltage	Operation Temperature	Pulling Range	Frequency	Stability	Custom Speci.
	SMD Type:	1.8 : 1.8V	1 : -10 ~ + 60℃	A : ± 30PPM	In MHz	10 : ± 10PPM	*
	756:7.0x5.0x1.8 (H)mm ,6P	3 : 3V	Blank : -10 ~ + 70℃	B : ± 50PPM		25 : ± 25PPM	
	534:5.0x3.2x1.2 (H)mm ,4P	3.3 : 3.3V	2 : -20 ~ + 70℃	C : ± 100PPM		50 : ± 50PPM	
	536:5.0x3.2x1.2 (H)mm ,6P	5 : 5V	28 : -20 ~ + 85℃	D : ± 200PPM		100 : ± 100PPM	
	324:3.2x2.5x1.0 (H)mm ,4P		3 : -30 ~ + 70℃				
	326:3.2x2.5x1.0 (H)mm ,6P		38 : -30 ~ + 85℃				
	Through Hole Type:		I : -40 ~ + 85℃				
	F:Full Size, 20.3x12.8x5.3 (H)mm		A : -40 ~ + 105℃				
	H:Half Size, 12.8x12.8x5.3 (H)mm		B : -40 ~ + 125℃				
			C : -55 ~ + 125℃				
			X : Custom				