



TCVCXO I706 Series

SMD Clipped Sine Wave

Frequency	1.000 MHz. ~ 40.000 MHz	
Output Level	Clipped Sine Wave	
Level	1.0 Vp-p Min	
Output Load	20K Ω /10 pF	
Stability		
Frequency vs. Temperature	See Table Frequency Stability	
Frequency vs. Supply Voltage	± 0.3 ppm Max $\pm 5\%$	
Frequency vs. Load	± 0.2 ppm Max	
Aging @ 25°C	± 1.0 ppm/year Max	
Tolerance @ 25°C	± 0.5 ppm	
Mechanical Adjustment Range	± 3 ppm min	
Supply Voltage	5.0 Vdc $\pm 5\%$	3.3 Vdc $\pm 5\%$
Current	3 mA Max	3 mA Max
Temperature		
Operating	-30°C ~ +70°C	
Storage	-40°C to +125°C	

	Frequency Stability in $\pm$ ppm ** Indicates Availability										Pullability		
Operating		1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0		A	B	
Temperature Range	Code	O	P	Q	R	S	T	U	J		± 5 ppm	± 10 ppm	
0°C ~ +50°C	7	**	**	**	**	**	**	**	**				
-10°C ~ +60°C	8	**	**	**	**	**	**	**	**				
-10°C ~ +70°C	6		**	**	**	**	**	**	**				
-20°C ~ +70°C	3		**	**	**	**	**	**	**				
-30°C ~ +60°C	11			**	**	**	**	**	**				
-30°C ~ +70°C	10			**	**	**	**	**	**				
-30°C ~ +75°C	4			**	**	**	**	**	**				
-40°C ~ +80°C	5					**	**	**	**				

Part Number Guide		Sample Part #:		I706-7PA3-20.000	
	Temperature Range	Frequency Stability	Pullability	Supply Voltage	Frequency
I706	7 = 0°C ~ +50°C	P = ± 2.0 ppm	A = ± 5 ppm	3=3.3 Vdc or 5=5.0 Vdc	20.000 MHz

