



VCXO I203 Series

14 Pin DIP TTL/HCMOS

Frequency	1.000 MHz ~ 160.000 MHz													
Output Level	TTL / HCMOS													
Level	'0'= 0.4 Vdc Max., '1'=2.4 Vdc Min.	'0'=0.1 Vcc Max., '1'=0.9 Vcc Min.												
Duty Cycle	50%±10%													
Rise/ Fall Time	10 ns Max.													
Output Load	1 TTL or 15 pF HCMOS Max													
Stability														
Frequency vs. Temperature	See Table Temperature Stability													
Aging @ 25°C	± 5.0 ppm / year Max													
Start up time	10 msec Max													
Control Voltage	2.5 ± 2.0 Vdc													
Control Voltage Range	See Table Pullability													
Slope	Positive													
Linearity	20% Max													
Supply Voltage	5.0 VDC ±5%	3.3 VDC ±5%												
Current	90 mA Max													
Operating Temperature	See Table Temperature													
Storage Temperature	-55°C to +125°C													
Temp °C	Stability in ppm			Pullability in ppm				** Indicates Availability						
	±15	±20	±25		±10	±25	±50	±100	±150	±200				
	D	F	A	Code	E	A	B	C	K	L				
0~+70	1	**	**	**			**	**	**	**				
-10~+60	8	**	**	**			**	**	**	**				
-30~+75	4	**	**				**	**	**	**				
-40~+85	2	**					**	**	**	**				

Part Number Guide		Sample Part #:		I203- 1DK3-20.000	
	Temperature Range	Frequency Stability	Pullability	Supply Voltage	Frequency
I203	1= 0°C ~ +70°C	D = ±15 ppm	K= ±150 ppm	3=3.3 Vdc or 5=5.0 Vdc	20.000 MHz

UNIT DIMENSION: mm

