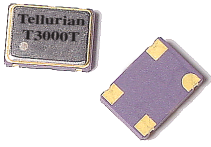


CLOCK OSCILLATORS

T3000P Programmable Series

Clock Oscillator, Low Profile, SMD



T3000P

RoHS Compliant Standard

Features:

- ◆ Program For Fast Delivery
- ◆ Tight symmetry available
- ◆ Pick and place compatible
- ◆ HCMOS/ TTL compatible
- ◆ Perfect for PCMCIA applications
- ◆ Tri-state option available

Model: T3000P Series Specifications

Parameter	Symbol	Unit	Min.	Max.
Center Frequency	f_o	MHz	6.0	160
Operating Temperature Range	T	°C	See Table	
Frequency Stability ⁽¹⁾	ppm		See Table	
Supply Voltage	V_{DD}	VDC	3.3 or 5.0	
Supply Current	I_{DD}			
6.00MHz < 29.99MHz		mA	25	35
30.00MHz < 79.99MHz		mA	30	45
80.00MHz < 160.00MHz		mA	--	50
Transition Times	T_R/T_F			
Rise/ Fall Time (6.0MHz < 89.99MHz)		ns	3.0	
Rise/ Fall Time (90.00MHz < 109.99MHz)		ns	4.0	
Rise/Fall Time (110.00MHz < 160.00MHz)		ns	3.0	
Output Symmetry	SYM	%	45/55 or 40/ 60	
Jitter		ps	125 (typical)	

(1) Inclusive of calibration at 25°C, operating temperature range, input voltage variation, load variation, aging, shock and vibration.

CLOCK OSCILLATOR: T3000P Series Programmable

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Temperature	Stability (ppm)
0 to 55°C	±25, ±50, ±100
-10 to 60°C	±25, ±50, ±100
-20 to 70°C	±25, ±50, ±100
-40 to 85°C	±50, ±100

