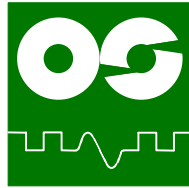


OnSpec Oscillators



OSO-STT Series OSO-SET Series TTL Full-size clock Oscillators

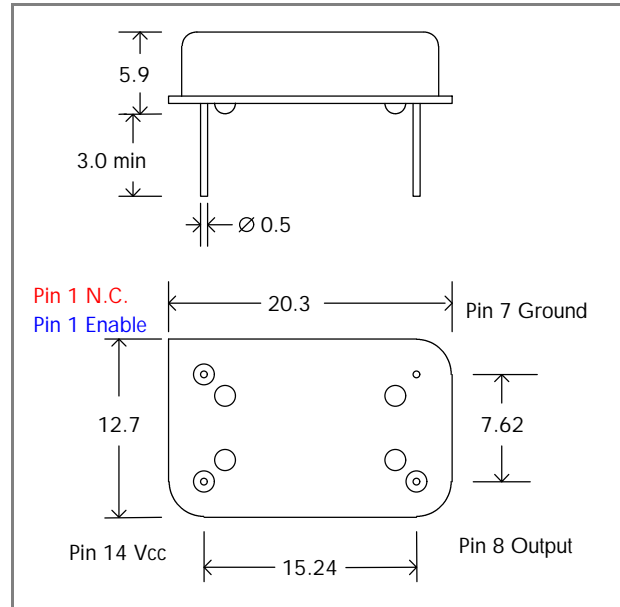
TTL

Standard clock oscillators
Frequency range 1 MHz to 80 MHz

3.3 Volts supply up to 50 MHz

Fast Delivery Services:-
48 hours, 5 day or 2 weeks

Range includes:- **Standard Oscillator**
Half size Oscillator
Standard Tri-State
Half size Tri-State
Dual output HCMOS
HCMOS Oscillators



Frequency stabilities:-

OSO-STT-B100	OSO-SET-B100	±100 ppm	} Including:- Adjustment Temperature 1 years aging voltage
OSO-STT-B050	OSO-SET-B050	± 50 ppm	
OSO-STT-B025	OSO-SET-B025	± 25 ppm	
OSO-STT-B015	OSO-SET-B015	± 15 ppm	

Frequency range	1 - 80 MHz @ 5.0 V and 1 - 50 MHz @ 3.3 V	
Temperature range	0 - 70°C (Except OSO-STT-B015) 0 - 50°C (OSO-STT-B015)	
Output drive	TTL:- 10 LSTTL loads	
V _{OL} (max)	0.4 V	
V _{OH} (min)	2.4 V	
Symmetry	60/40 - 40/60% @ 1.4V	
Rise and Fall times (max)	10ns 6ns	up to 40 MHz above 40 MHz
Supply Voltage	3.0 V - 5.5 V 5.0 V ± 0.5 V	1 to 50 MHz 1 to 80 MHz
Supply Current	30 mA maximum	

Enable/Disable Function (SET Series only)	Low level	0.5 V max	High Impedance (Disabled)
	High level	2.4 V min	Active (Enabled)

OnSpec Oscillators Limited

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