

1400 Series

Compact Crystal Clock Oscillators

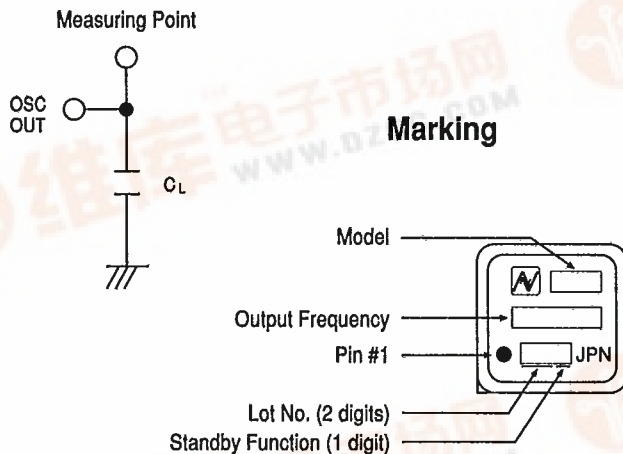
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FEATURES

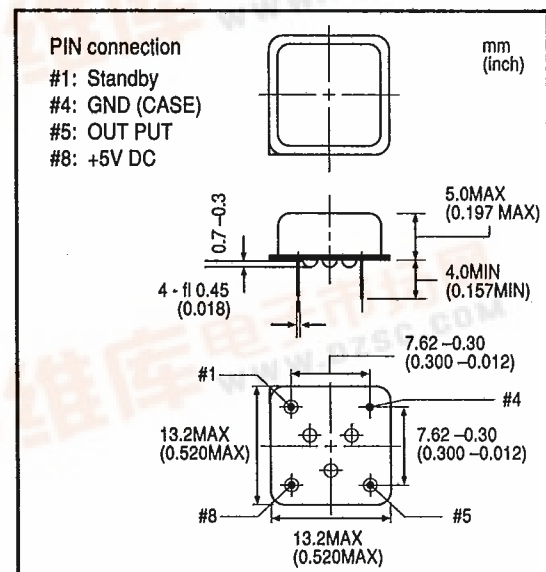
- Directly drives INTEL 32 bit CPU 80386 and Motorola 68000 Series
- Wide frequency range of 7 ~ 70 MHz
- Available for high output load up to 150pF max.
- Tri-State output
- Very high speed Tr/Tf
- Compact metal package compatible with 8 Pin Dip
- Sealed, grounded metal case resists EMI and Humidity

Item		Model	1429	1431	1432	1433	1434	1435	1436	1437
Frequency Range (MHz)		~	7~21.9	22~24.9	25~29.9	30~35.9	36~41.9	42~50.9	51~59.9	60~70.0
Frequency Stability (x10 ⁻⁶)		0 ~ 70°C	±100							
Current Consumption (mA)	V _{DD} = 5V Test circuit: Fig. 1.		10~30 (TYP) 40 (MAX)	65			90	110	130	
V _{OL} MAX / V _{OH} MIN (V)	Test circuit: Fig. 1.		0.5/V _{DD} --- 0.5							
Tr MAX / Tf MAX (ns)	Test circuit: Fig. 1.		6/6							
Duty Cycle (%)	Test circuit: Fig. 1. 1/2 V _{DD}		45~55							
CL MAX			150pF							
Standby Function	H level 2.2V MIN		Operating							
	L level 0.8V MAX		Non-operation (High Impedance)							

Test Circuit Fig. 1



Outline



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