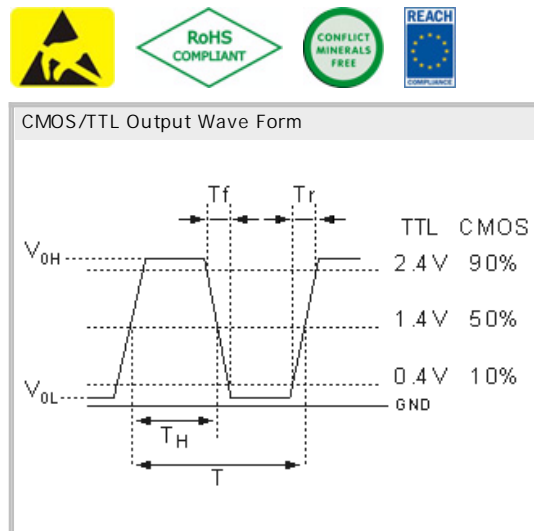
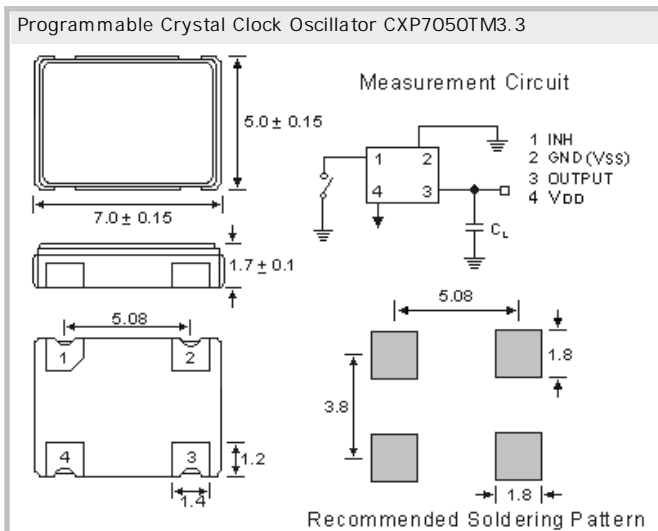


## Programmable Crystal Clock Oscillator CXP7050TM3.3, 3.3V LVCMOS

- SMD in ceramic case (7.0 x 5.0 x 1.7) mm
- Tri-State Enable / Disable
- LVCMOS Square Wave
- on Tape & Reel (Tape 16mm) or on trays
- RoHS conform; Lead-free product
- Vibration: MIL-STD-202F method 204, 35G, 50 to 2000 Hz
- Shock: MIL-STD-202F method 213B, test cond. E, 1000GG 1/2 sine wave
- Available in many standard and special frequencies



## Specifications - Product No. G03750000KSSUPN43AB

|                                    |   |
|------------------------------------|---|
| Holder Type:                       | Programmable Crystal Clock Oscillator<br>CXP7050TM3.3 Tri-State 3.3V (Voltage code is " 3.3 ")  |
| Frequency:                         | 37.500000 MHz   |
| Frequency Stability at 25°C:       | ± 25.0 ppm at 25°C  |
| Operating Temperature Range:       | ± 25.0 ppm over -40°C to +85°C (inclusive of 25°C tolerance,<br>±10% input voltage variation, load change, aging, shock and vibration ) |
| Storage Temperature:               | -55°C to +150°C   |
| Maximum Supply Current:            | 20.0 mA   |
| Power Supply Voltage (Vdd):        | + 3.3V D.C. ± 10%   |
| PLL Off: 25MHz Supply Current:     | 3.3V 4.0mA (15pF)   |
| PLL On 200MHz Supply Current:      | 3.3V 20.0mA (15pF)  |
| Rise/Fall Time:                    | 3.0ns typ. (25MHz, PLL off)<br>1.5ns typ. (200MHz, PLL off)   |
| Output Load:                       | 15 pF LVCMOS  |
| Start Up Time:                     | 5ms max.  |
| Output Symmetry (Duty Cycle):      | 50% ± 5% (measured at 50% Vdd)  |
| Period Jitter, peak to peak:       | 70ps typical  |
| Low Phase Noise (typical):         | -114dBc/Hz at 1KHz offset (133MHz)  |
| Tri-state Function Pin 1 (option): | Pin 1 = H or open.... Output active at pin 3<br>Pin 1 = L.... high impedance at pin 3   |
| Output Disable/Enable Time:        | 150 ns  |
| Aging:                             | < ± 5ppm max. / year (max.)   |
| Reflow Condition:                  | 260°C max. for 10 sec.  |

### GERMANY:

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