



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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### Description

- Standard 7 x 5mm crystal oscillator  
Ceramic package with a seam sealed metal lid, hermetically sealed
- Model CFPS-73
- Model Issue number 12

### Frequency Parameters

- Frequency 18.4320MHz
- Frequency Tolerance @ 25°C INCLUSIVE
- Frequency Stability ±50.00ppm
- Operating Temperature Range -40.00 to 85.00°C
- Ageing ±3ppm per year max

### Electrical Parameters

- Supply Voltage 3.3V
- Supply Voltage Tolerance ±10%
- Current Draw 7mA max

### Output Details

- Output Compatibility HCMOS
- Output Load 50pF max
- Rise and Fall time 10ns max
- Duty Cycle 45/55

### Output Control

- Logic '1' (>70% VS) to pad 1 enables oscillator output
- Logic '0' (<30% VS) to pad 1 disables oscillator output; the oscillator output goes to the high impedance state
- No connection to pad 1 enables oscillator output
- Standby Current: 10µA max

### Environmental Parameters

- Shock: MIL-STD-202, Method 213, Condition E
- Vibration: MIL-STD-883, Method 2007, Condition A
- Storage Temperature Range: -55 to 125°C

### Compliance

- RoHS Status Compliant
- REACH Status Compliant

### Packaging

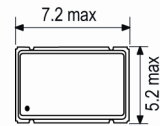
- Pack Type: Bulk Loose in bulk pack
- Pack Size 100

- Alternative packing option available

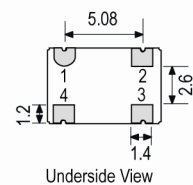
*This document is correct at the time of printing; please contact your local office for the latest version.*



### Outline (mm)

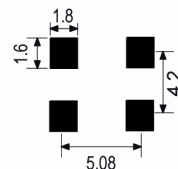


- Pad Connections
- Standby Operation
  - GND
  - Output
  - +Vs

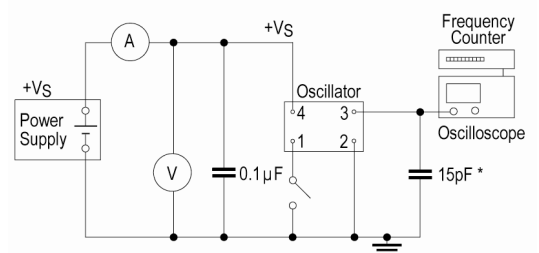


Underside View

### Solder Pad Layout



### Test Circuit



\* Inclusive of jigging and equipment capacitance

### Sales Office Contact Details:

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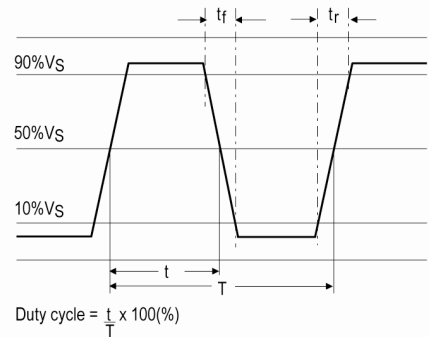
USA: +1 408.273.4530

Email: [info@iqdfrequencyproducts.com](mailto:info@iqdfrequencyproducts.com)

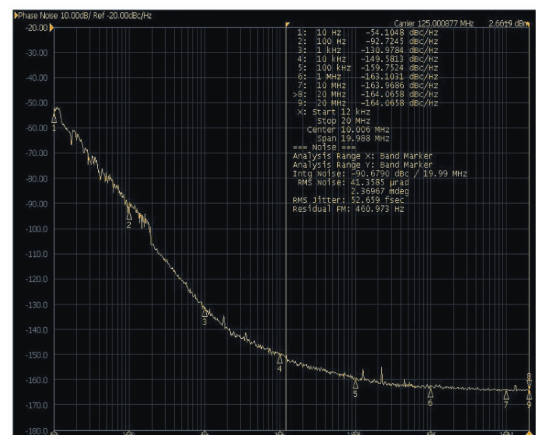
Web: [www.iqdfrequencyproducts.com](http://www.iqdfrequencyproducts.com)



### Wave Form



### Phaise Noise / Jitter



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