

Customer Part:

Description

- Specifically designed and approved for use with Zarlink chipsets for Stratum 4 applications.
±20ppm all causes over 15 years crystal oscillators.
Ceramic package with a seam sealed metal lid, hermetically sealed.
- Model CFPS-74
- Model Issue number 7

Frequency Parameters

- Frequency 19.440MHz
- Frequency Stability ±20.00ppm
- Operating Temperature Range 0.00 to 70.00°C
- Frequency Stability is all causes over 15 years inclusive of frequency tolerance, supply voltage variation, load variation and ageing.

Electrical Parameters

- Supply Voltage 3.3V ±1%
- Current Draw 40.000mA

Output Details

- Output Compatibility HCMOS
- Drive Capability 15pF
- Rise and Fall Time 6.0ns max
- Duty Cycle 45/55

Output Control

- Logic '1' to pad 1 enables oscillator output, 2.5V min.
Logic '0' to pad 1 disables oscillator output; when disabled the oscillator output goes to the high impedance state, 0.5V max.
No connection to pad 1 enables oscillator output.

Environmental Parameters

- Storage Temperature Range: -55 to 125°C

Manufacturing Details

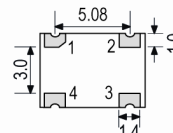
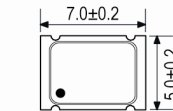
- Maximum Process Temperature: 260°C (10secs max)
- RoHS Terminations Au over Ni on W base
- RoHS Reflow Temp 260°C max for 10secs max

Compliance

- RoHS Status (2015/863/EU) Compliant
- REACH Status Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

Packaging Details

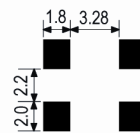
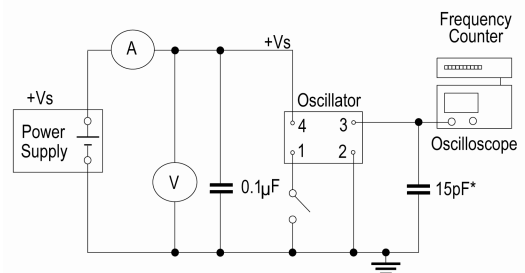
- Pack Style: Bulk Loose in bulk pack
Pack Size: 100
- *Alternative packing option available*


Outline (mm)


Underside View

Pad Connections

1. N/C or Tri-State Operation
2. GND
3. Output
4. +Vs

Solder Pad Layout

Test Circuit


*Inclusive of jigging and equipment capacitance

Sales Office Contact Details:

UK: +44 (0)1460 270200

France: 0800 901 383

 Email: info@iqdfrequencyproducts.com

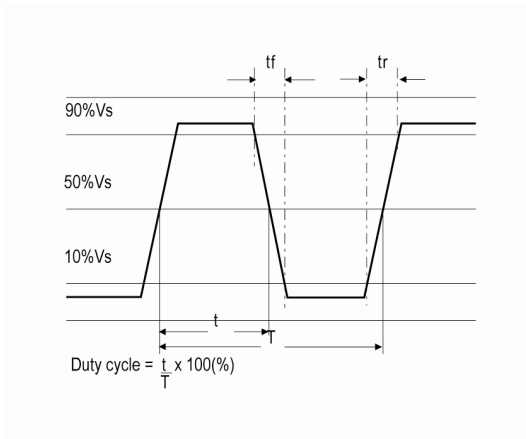
Germany: 0800 1808 443

USA: +1.760.318.2824

 Web: www.iqdfrequencyproducts.com

Customer Part:

Wave Form



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UK: +44 (0)1460 270200
Germany: 0800 1808 443

France: 0800 901 383
USA: +1.760.318.2824

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Web: www.iqdfrequencyproducts.com