OCP Large Oscillator Form Factor

This document describes the

23mm

40.64mm

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6.07mmmmh

3.0mm x 4

1

2

3

4

5

10 9 8 7 6

Bottom View

Side View

25mm

|  |  |  |  |
| --- | --- | --- | --- |
| Pin # | Name | Type | Description |
| 1 | NC/Tune | Input | Not connected or used for analog steering (tune) |
| 2 | GND | Power | Power Return |
| 3 | RF OUT | Output | Clock output, usually 10Mhz |
| 4 | GND | Power | Power Return |
| 5 | VCC | Power | Power Supply, 3v3, 5v or 12v (important to check) |
| 6 | Lock | Output | Indicator of lock, goes high on lock, LVCMOS |
| 7 | TXD | Output | UART TXD, LVCMOS |
| 8 | RXD | Input | UART RXD, LVCMOS |
| 9 | 1PPS IN | Input | Single ended 1-PPS input used for sync |
| 10 | 1PPS OUT | Output | Single ended 1-PPS output used to feed the system |