

Oscillators

Phase Locked Oscillator



| | | | |
|-----------------------------|-------------------------------------|-------------|-------------|
| Output Frequency | 3.2GHz | 6.4GHz | 15GHz |
| Output Power | +13 dBm | +7 dBm | +5 dBm |
| Phase Noise @ 1kHz Offset | -94 dBc/Hz | -90 dBc/Hz | -82 dBc/Hz |
| Phase Noise @ 10kHz Offset | -115 dBc/Hz | -103 dBc/Hz | -96 dBc/Hz |
| Phase Noise @ 100kHz Offset | -120 dBc/Hz | -107 dBc/Hz | -109 dBc/H |
| Phase Noise @ 1MHz Offset | -140 dBc/Hz | -136 dBc/Hz | -109 dBc/Hz |
| Reference Frequency | EXT 100MHz or INT 10MHz TCXO 2.5ppm | | |

We also have Phase Locked Crystal Oscillator, welcome reference.

We provide customized product services,
Please feel free to contact us sales@jittc.com.tw.

Oscillators

50 MHz Phase Locked Crystal Oscillator



| | |
|----------------------------|------------------------|
| Output Frequency | 50 MHz |
| Output Impedance | 50 Ohms |
| Output Power | 2.4 dBm |
| Phase Noise @ 10Hz Offset | 83 dBc/Hz |
| Phase Noise @ 100Hz Offset | < -106 dBc/Hz |
| Phase Noise @ 1kHz Offset | < -123 dBc/Hz |
| Phase Noise @ 10kHz Offset | < -130 dBc/Hz |
| Reference Frequency | EXT / INT TCXO 2.5 ppm |
| 2nd Harmonics | -45 dBc |
| Spurious | -70 dBc |
| Lock Detect | 3.3 VDC TTL, HIGH=LOCK |
| Supply Voltage (DC) | 5~24Vdc |
| Polarity protection | Yes |

We also have 100MHz Phase Locked Crystal Oscillator, welcome reference.

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Oscillators

100 MHz Phase Locked Crystal Oscillator



| | |
|----------------------------|------------------------|
| Output Frequency | 100 MHz |
| Output Impedance | 50 Ohms |
| Output Power | +14 dBm |
| Phase Noise @ 10Hz Offset | -73 dBc/Hz |
| Phase Noise @ 100Hz Offset | < -109 dBc/Hz |
| Phase Noise @ 1kHz Offset | < -123 dBc/Hz |
| Phase Noise @ 10kHz Offset | < -123 dBc/Hz |
| Reference Frequency | EXT / INT TCXO 2.5 ppm |
| 2nd Harmonics | -15 dBc |
| Spurious | -70 dBc |
| Lock Detect | 3.3 VDC TTL, HIGH=LOCK |
| Supply Voltage (DC) | 5~24Vdc |
| Polarity protection | Yes |

We also have 50MHz Phase Locked Crystal Oscillator, welcome reference.

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