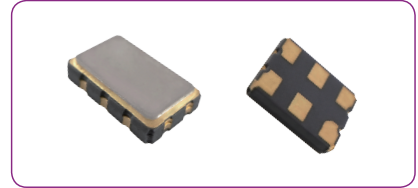


PRODUCT TYPE: VCXO SMD3225

FEATURES

- JYEG Part Number:JYVCD3
- AT Cut
- 3.3V Supply Volage
- CMOS/TTL Output
- Tight Tolerance/stability
- Tri-State Function Available



TYPICAL SPECIFICATIONS

| ITEM / TYPE | VCXO SMD3225 (JYVCD3) | |
|-----------------------------|---|-------------|
| Frequency Range | 2.048~285MHZ(AT1) | |
| Frequency Stability | ±25ppm/±35ppm/±50ppm,or specify | |
| Operating Temperature Range | -20~70°C/-40~85°C/-40~105°C | |
| Output Load | 1~5TTL/CMOS 30PF Max. | |
| Input Current | ≤16mA | |
| Supply Voltage | 3.3V ±10% | |
| Start-up Time | 1ms Max. | |
| Duty Cycle | 40%-60% Normal,45%-55% Tight | |
| Rise/Fall Time | 5ns Max. | |
| Pulling Range | ±50ppm Min. | |
| Control Voltage Range | 10%VDD~90%VDD | |
| Linearity | 10% Max. | |
| Output "0" Level | TTL | CMOS |
| | 0.4V Max. | 10%VDD Max. |
| Output "1" Level | TTL | CMOS |
| | 2.4V Min. | 90%VDD Min. |
| Tri-state | Pin2:0.7 VDD Min.(High)or open,Output:Enable Pin2:0.3 VDD Max.(Low),Output:Disable | |
| RMS Jitter(12KHz~20MHz) | 1.0ps Max. | |
| Aging | ±3ppm/year Max. | |
| Storage Temperature Range | -55~125°C | |

VCXO SMD3225 (JYVCD3)

