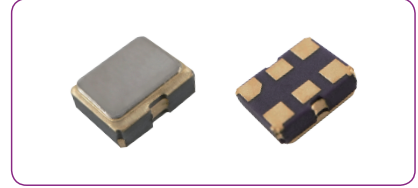


PRODUCT TYPE: VCXO SMD2520

FEATURES

- JYEG Part Number:JYVCD2
- CMOS/TTL Output
- AT Cut
- Tight Tolerance/stability
- 3.3V Supply Volage
- Tri-State Function Available



TYPICAL SPECIFICATIONS

ITEM / TYPE	VCXO SMD2520	
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 0.4V Max.	CMOS 10%VDD Max.
Output "1" Level	TTL VDD-0.4V Min.	CMOS 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 SMD2520 (JYVCD2)

