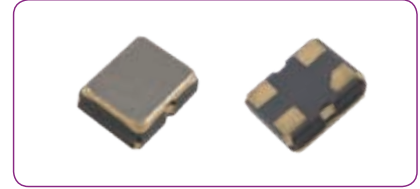


PRODUCT TYPE: OSC SMD2520

FEATURES

- JYEG Part Number:JYOD2
- AT Cut
- 3.3V,2.5V,1.8V Supply voltage
- CMOS/TTL output
- Tight tolerance/stability
- Tri-state function available



TYPICAL SPECIFICATIONS

ITEM / TYPE	OSC SMD2520	
Frequency Range	32.768KHz, 1~285MHz(AT1)	
Frequency Stability	±25ppm/±30ppm/±50ppm/±100ppm, or specify	
Operating Temperature Range	-20~70°C/-40~85°C/-40~105°C/-40~125°C	
Output Load	1~5TTL or CMOS 30pF Max.	
Input Current	32.768KHz	≤0.5mA
	≤35MHz	≤8mA
	35~50MHz	≤16mA
	>50MHz	≤25mA
Supply Voltage	3.3V ±10%/2.5V ±10%/1.8V ±10%	
Start-up Time	1ms Max.	
Duty Cycle	40%-60% Normal, 45%-55% Tight	
Rise/Fall Time	5ns 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	Pin1:0.7 VDD Min.(High) or open, Output:Enable Pin1:0.3 VDD Max.(Low), Output:Disable	
Jitter(12KHz- 20MHz)	1ps Max.	
Aging	±3ppm/year Max.	
Storage Temperature Range	-55~125°C	

DIMENSIONS

