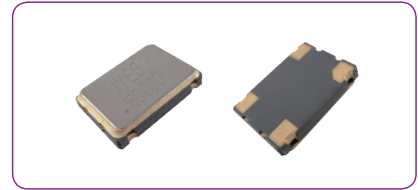


## PRODUCT TYPE: OSC SMD7050

### FEATURES

- JYEG Part Number:JYOD7
- AT Cut
- 5V,3.3V,2.5V,1.8V Supply voltage
- CMOS/TTL output
- Tight tolerance/stability
- Tri-state function available



### TYPICAL SPECIFICATIONS

ITEM / TYPE		OSC SMD7050	
Frequency Range		32.768KHz,1~50MHz(AT1),50~160MHz(AT3)	
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		1.8-3.3V	5V
	32.768KHz	≤0.5mA	≤1mA
	≤35MHz	≤8mA	≤12mA
	35~50MHz	≤16mA	≤16mA
	50~70MHz	≤25mA	≤50mA
	70~160MHz	≤45mA	≤60mA
Supply Voltage		5V ±10%/3.3V ±10%/2.5V ±10%/1.8V ±10%	
Start-up Time		1ms Max.(AT1), 3ms Max.(AT3)	
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

