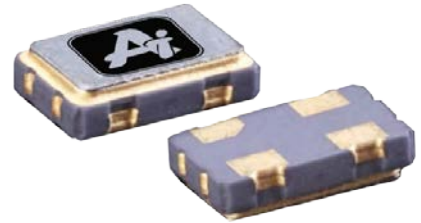




Features

- Small size SMD seam sealed clock crystal oscillator units.
- Supply voltage: 1.8V~5.0V.
- 3-state function.
- Automatic mounting and reflow soldering.
- Applications: Wireless communication, PDA, DSC, PC, Server, SONET, Telecommunications, etc.
- High stability, low jitter, low power consumption.



Electrical Specifications

Type		SMD 5032 CRYSTAL OSCILLATOR	
Output Type		CMOS	
Output Load		15pF, or Specify	
Oscillation Mode		Fundamental / 3rd Overtone	
Supply Voltage		1.8V	2.5V, 2.8V, 3.3V
Frequency Range		1MHz~150MHz	
Frequency Stability		±20ppm, ±25ppm, ±30ppm, ±50ppm	
Operating Temperature Range		-20~+70°C, -40~+85°C, or specify	
Storage Temperature Range		-55~+125°C	
Voltage Vol(Max)/Voh(Min)		0.1VDD / 0.9VDD	
Rise (Tr)/Fall(Tf) Time		8ns Max	
Current Consumption	1~75MHz	5mA Max.	10mA Max.
	75~150MHz	15mA Max.	20mA Max.
Symmetry		45~60%	
Start-up Time		5ms Max	
Phase Jitter(12kHz~20MHz)		1ps Max	
Aging(at 25°C)		±3ppm/year Max	

Ordering Information

KOC5032	001M	15	33	25	A	
Product Code	Frequency Range	Output Load	Supply Voltage	Frequency Stability	Operating Temperature	
	1MHz	15=15pF	33=3.3V	25=±25ppm	A:-20~+70°C	D:-40~+125°C
					B:-10~+70°C	E:-10~+60°C
					C:-40~+85°C	F:-30~+70°C

Dimension

Units:mm

