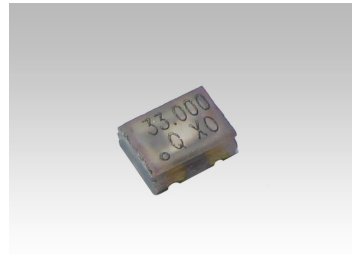


# Oscillator SMD, clock-type

**AQOE3225**

Features:



- all Quartz
- Small size 3.2x2.5mm
- Low cost to performance
- Excellent in portable PC and telecommunication
- Tristate or power down available

Specifications		AQOE3225	Remarks
Frequency range		2MHz ~ 48MHz	Please specify
Frequency stability *		±50ppm ~ ±100ppm	Please specify
Operating temperature		0°C ~ +70°C - -20°C ~ +70°C	Please specify
Storage temperature		-55°C ~ +125°C	
Input	Voltage	3.3V (+/-10%), 5.0V (+/-10%)	Please specify
	Current	8mA 2~10MHz	Max
		15mA 10~35MHz	Max
30mA >35MHz		Max	
Output symmetry		40% ~ 60%	Please specify
Output	Rise and fall time	8 ns	Max
		CMOS	
	Logic "0" level	10%VDD	Max
	Logic "1" level	90%VDD	Min
Output load		CMOS, 15pF	Please specify

\* Inclusive of initial frequency tolerance at 25°C, operating temperature range, supply voltage change, load variation and 1st year aging.

**Drawing**

AQOE3225

PIN	CONNECTION
1	E/D
2	GND
3	OUTPUT
4	*Vcc

Dimensions in mm

Order key								
O	- 10.000000M	- AQOE3225	- 50	- 3.3	- D	-	/ T	/ TR
Part	Frequency	Type/Package	Tolerance	Voltage	Temperature	Load	Option	Packaging
O=Oscillator	M=MHz	AQOE=Quartz Oscillator all Quartz AQOE3225=SMD 3,2x2,5	±ppm	3.3=3.3Volt 5.0=5.0Volt	A= 0°C ~ +70°C B= -10°C ~ +60°C C= -10°C ~ +70°C D= -20°C ~ +70°C	blank = 15pF 3 = 30pF 5 = 50pF	T=Tristate P = Power down	TR = tape + reeled