



*Your satisfaction with auris  
products is our goal.*

CRYSTALS &  
OSCILLATORS



PRODUCTS &  
COMPONENTS

auris-GmbH is a supplier of crystals, oscillators, resonators and SAWs. Founded in 2000 in Germany, auris-GmbH began by supplying the European market with through-hole crystals and oscillators. Today we are known worldwide for high quality and offering some of the world's smallest quartz crystals and oscillators. Our company is certified "ISO9001:2015" by 3cert GmbH.

Manufacturing facilities in China, Taiwan and Hong Kong, use state-of-the-art technology to produce large quantities of quartz resonators of different shapes and functions. The production facilities are ISO 9001, ISO 14001 and ISO/TS 16949 certified by SGS systems. All crystals and oscillators are fully compliant with RoHS regulations (version 2011/65/EU).

This brochure shows our wide range of innovative products and technical competence for all industrial and commercial applications.

Our customer service center offers:

- design-in support, with workbench collaboration
  - comprehensive technical advice
  - fast and cost-effective development of customized solutions
  - testing, analysis and optimization of customized circuits
  - project monitoring from initial evaluation to production
- Your satisfaction with auris products is our goal. -**

Your team from

**auris**

## Tuning Fork Quartz – Pin Through Hole

### Metal Package

#### TC155

Frequency range	32.768kHz 30 ~ 200kHz
Tolerance (25°C)	±20ppm ~ ±50ppm
Load capacitance	7pF/12.5pF
Temperature coefficient	-0.034±0.006ppm/°C <sup>2</sup>
Operating temperature	-10°C ~ +60°C/-40°C ~ +85°C
Dimensions	1.5x5.0mm



#### TC26

Frequency range	32.768kHz 30 ~ 200kHz
Tolerance (25°C)	±20ppm ~ ±50ppm
Load capacitance	6pF/10pF/12.5pF
Temperature coefficient	-0.034±0.006ppm/°C <sup>2</sup>
Operating temperature	-10°C ~ +60°C/-40°C ~ +85°C
Dimensions	2.0x6.0mm



#### TC38

Frequency range	32.768kHz 30 ~ 200kHz
Tolerance (25°C)	±20ppm ~ ±50ppm
Load capacitance	6pF/10pF/12.5pF
Temperature coefficient	-0.034±0.006ppm/°C <sup>2</sup>
Operating temperature	-10°C ~ +60°C/-40°C ~ +85°C
Dimensions	3.0x8.0mm



## Tuning Fork Quartz – SMD Package

### SMD Metal

#### TC206B

Frequency range	32.768kHz 30 ~ 200kHz
Tolerance (25°C)	±20ppm ~ ±50ppm
Load capacitance	6pF/10pF/12.5pF
Temperature coefficient	-0.034±0.006ppm/°C <sup>2</sup>
Operating temperature	-10°C ~ +60°C/-40°C ~ +85°C
Dimensions	2.0x6.0mm



### SMD Plastic

#### MP6914

Frequency range	32.768kHz
Tolerance (25°C)	±20ppm
Load capacitance	7pF/9pF/12.5pF
Temperature coefficient	-0.034±0.006ppm/°C <sup>2</sup>
Operating temperature	0°C ~ +70°C/-40°C ~ +85°C
Dimensions	6.9x1.4x1.3mm



#### MP03

Frequency range	32.768kHz
Tolerance (25°C)	±20ppm ~ ±50ppm
Load capacitance	6pF/9pF/12.5pF
Temperature coefficient	-0.034±0.006ppm/°C <sup>2</sup>
Operating temperature	0°C ~ +70°C/-40°C ~ +85°C
Dimensions	8.0x3.8x2.5mm



## Tuning Fork Quartz – SMD Package

### SMD Ceramic

#### LC1210

Frequency range	(under development)
Tolerance (25°C)	32.768kHz
Load capacitance	±20ppm ~ ±50ppm
Temperature coefficient	7pF/9pF/12.5pF
Operating temperature	-0.045ppm/°C <sup>2</sup> max.
Dimensions	0°C ~ +70°C/-40°C ~ +85°C
	1.2x1.0x0.35mm



#### LC1610

Frequency range	32.768kHz
Tolerance (25°C)	±20ppm ~ ±50ppm
Load capacitance	9pF/12.5pF
Temperature coefficient	-0.045ppm/°C <sup>2</sup> max.
Operating temperature	0°C ~ +70°C/-40°C ~ +85°C
Dimensions	1.6x1.0x0.5mm



#### LC2012

Frequency range	32.768kHz
Tolerance (25°C)	±20ppm ~ ±50ppm
Load capacitance	7pF/9pF/12.5pF
Temperature coefficient	-0.045ppm/°C <sup>2</sup> max.
Operating temperature	0°C ~ +70°C/-40°C ~ +85°C
Dimensions	2.0x1.2x0.6mm



#### LM3215

Frequency range	32.768kHz
Tolerance (25°C)	±20ppm ~ ±50ppm
ESR	50k/70kOhm max.
Load capacitance	7pF/9pF/12.5pF
Temperature coefficient	-0.045ppm/°C <sup>2</sup> max.
Operating temperature	0°C ~ +70°C/-40°C ~ +85°C
Dimensions	3.2x1.5x0.9mm



#### LC4115

Frequency range	32.768kHz
Tolerance (25°C)	±20ppm ~ ±50ppm
Load capacitance	12.5pF
Temperature coefficient	-0.034±0.006ppm/°C <sup>2</sup>
Operating temperature	0°C ~ +70°C/-40°C ~ +85°C
Dimensions	4.1x1.5x0.9mm



#### LC4918

Frequency range	32.768kHz
Tolerance (25°C)	±20ppm ~ ±50ppm
Load capacitance	7pF/12.5pF
Temperature coefficient	-0.034±0.006ppm/°C <sup>2</sup>
Operating temperature	0°C ~ +70°C/-40°C ~ +85°C
Dimensions	4.9x1.8x1.0mm



## Quartz – Metal Package

### Pin Through Hole

#### **HF26 / HF38**

Frequency range	6.00 ~ 48.00MHz
Tolerance (25°C)	±10ppm ~ ±50ppm
Tolerance vs. temperature	±10ppm ~ ±50ppm
Operating temperature	0°C ~ +70°C/-40°C ~ +85°C
Load capacitance	10pF ~ series
Dimensions	2.1x6.2mm / 3.1x8.3mm



#### **HF39**

Frequency range	4.00 ~ 6.00MHz
Tolerance (25°C)	±10ppm ~ ±50ppm
Tolerance vs. temperature	±10ppm ~ ±50ppm
Operating temperature	0°C ~ +70°C/-40°C ~ +85°C
Load capacitance	10pF ~ series
Dimensions	3.1x9.3mm



#### **HF310**

Frequency range	3.579 ~ 4.00MHz
Tolerance (25°C)	±10ppm ~ ±50ppm
Tolerance vs. temperature	±10ppm ~ ±50ppm
Operating temperature	0°C ~ +70°C/-40°C ~ +85°C
Load capacitance	10pF ~ series
Dimensions	3.1x10.3mm



#### **HC49U**

Frequency range	1.8432 ~ 180.00MHz
Tolerance (25°C)	±5ppm ~ ±50ppm
Tolerance vs. temperature	±5ppm ~ ±100ppm
Operating temperature	0°C ~ +70°C/-40°C ~ +105°C
Load capacitance	5pF ~ series
Dimensions	13.46x11.05x5.0mm



#### **HC49US**

Frequency range	3.2768 ~ 90.00MHz
Tolerance (25°C)	±5ppm ~ ±50ppm
Tolerance vs. temperature	±10ppm ~ ±150ppm
Operating temperature	0°C ~ +70°C/-40°C ~ +125°C
Load capacitance	5pF ~ series
Dimensions	11.1x4.7x2.5(low)/3.5mm



#### **UM1**

Frequency range	6.00 ~ 160.00MHz
Tolerance (25°C)	±5ppm ~ ±50ppm
Tolerance vs. temperature	±10ppm ~ ±50ppm
Operating temperature	0°C ~ +70°C/-40°C ~ +85°C
Load capacitance	5pF ~ series
Dimensions	7.8x3.2x8.0mm



#### **UM5**

Frequency range	8.00 ~ 200.00MHz
Tolerance (25°C)	±5ppm ~ ±50ppm
Tolerance vs. temperature	±10ppm ~ ±50ppm
Operating temperature	0°C ~ +70°C/-40°C ~ +85°C
Load capacitance	5pF ~ series
Dimensions	7.9x3.2x6.0mm



### SMD

#### **HC49S7S**

Frequency range	8.00 ~ 50.00MHz
Tolerance (25°C)	±10ppm ~ ±50ppm
Tolerance vs. temperature	±10ppm ~ ±50ppm
Operating temperature	0°C ~ +70°C/-40°C ~ +85°C
Load capacitance	5pF ~ series
Dimensions	7.6x4.0x2.0mm



#### **HC49S8S**

Frequency range	8.00 ~ 50.00MHz
Tolerance (25°C)	±10ppm ~ ±50ppm
Tolerance vs. temperature	±10ppm ~ ±50ppm
Operating temperature	0°C ~ +70°C/-40°C ~ +85°C
Load capacitance	5pF ~ series
Dimensions	8.4x3.0x2.0mm



#### **HC49USSMD**

Frequency range	3.2768 ~ 90.00MHz
Tolerance (25°C)	±5ppm ~ ±50ppm
Tolerance vs. temperature	±10ppm ~ ±150ppm
Operating temperature	0°C ~ +70°C/-40°C ~ +125°C
Load capacitance	5pF ~ series
Dimensions	13.0x4.8x4.5/3.2/3.0mm



#### **HC49J**

Frequency range	3.50 ~ 80.00MHz
Tolerance (25°C)	±10ppm ~ ±50ppm
Tolerance vs. temperature	±10ppm ~ ±150ppm
Operating temperature	0°C ~ +70°C/-40°C ~ +125°C
Load capacitance	10pF ~ series
Dimensions	13.2x4.9x5.1mm



## Quartz SMD – Ceramic Package

### SMD Ceramic Enclosure

#### **HC1612 (4 Pad)**

Frequency range	24.00 ~ 80.00MHz
Tolerance (25°C)	±10ppm ~ ±50ppm
Tolerance vs. temperature	±10ppm ~ ±50ppm
Operating temperature	0°C ~ +70°C/-40°C ~ +85°C
Load capacitance	6pF ~ series
Dimensions	1.6x1.2x0.4mm



#### **HC2016 (4 Pad)**

Frequency range	16.00 ~ 72.00MHz
Tolerance (25°C)	±10ppm ~ ±50ppm
Tolerance vs. temperature	±10ppm ~ ±50ppm
Operating temperature	0°C ~ +70°C/-40°C ~ +105°C
Load capacitance	6pF ~ series
Dimensions	2.0x1.6x0.5mm



#### **HC2520 (4 Pad)**

Frequency range	12.00 ~ 80.00MHz
Tolerance (25°C)	±10ppm ~ ±50ppm
Tolerance vs. temperature	±10ppm ~ ±100ppm
Operating temperature	0°C ~ +70°C/-40°C ~ +125°C
Load capacitance	6pF ~ series
Dimensions	2.5x2.0x0.6mm



#### **HC3225 (4 Pad)**

Frequency range	8.00 ~ 156.00MHz
Tolerance (25°C)	±10ppm ~ ±50ppm
Tolerance vs. temperature	±10ppm ~ ±100ppm
Operating temperature	0°C ~ +70°C/-40°C ~ +125°C
Load capacitance	6pF ~ series
Dimensions	3.2x2.5x0.8mm



#### **HC5032 (2 Pad / 4 Pad)**

Frequency range	7.60 ~ 156.00MHz
Tolerance (25°C)	±10ppm ~ ±50ppm
Tolerance vs. temperature	±10ppm ~ ±100ppm
Operating temperature	0°C ~ +70°C/-40°C ~ +125°C
Load capacitance	8pF ~ series
Dimensions	5.0x3.2x1.1mm



#### **HC6035 (2 Pad / 4 Pad)**

Frequency range	7.00 ~ 200.00MHz
Tolerance (25°C)	±5ppm ~ ±50ppm
Tolerance vs. temperature	±10ppm ~ ±50ppm
Operating temperature	0°C ~ +70°C/-40°C ~ +85°C
Load capacitance	8pF ~ series
Dimensions	6.0x3.5x1.1mm



#### **HC7050 (4 Pad)**

Frequency range	6.00 ~ 125.00MHz
Tolerance (25°C)	±10ppm ~ ±50ppm
Tolerance vs. temperature	±10ppm ~ ±100ppm
Operating temperature	0°C ~ +70°C/-40°C ~ +105°C
Load capacitance	8pF ~ series
Dimensions	7.0x5.0x1.0mm



### SMD All Ceramic

#### **AC3225H (4 Pad)**

Frequency range	12.00 ~ 48.00MHz
Tolerance (25°C)	±10ppm ~ ±50ppm
Tolerance vs. temperature	±10ppm ~ ±50ppm
Operating temperature	-20°C ~ +70°C/-40°C ~ +85°C
Load capacitance	8pF ~ series
Dimensions	3.2x2.5x0.8mm



#### **AC3225 (4 Pad)**

Frequency range	12.00 ~ 48.00MHz
Tolerance (25°C)	±20ppm ~ ±50ppm
Tolerance vs. temperature	±20ppm ~ ±50ppm
Operating temperature	-20°C ~ +70°C/-40°C ~ +85°C
Load capacitance	8pF ~ series
Dimensions	3.2x2.5x1.1mm



#### **AC5032 (2 Pad / 4 Pad)**

Frequency range	8.00 ~ 48.00MHz
Tolerance (25°C)	±20ppm ~ ±50ppm
Tolerance vs. temperature	±20ppm ~ ±50ppm
Operating temperature	-20°C ~ +70°C/-40°C ~ +85°C
Load capacitance	8pF ~ series
Dimensions	5.0x3.2x1.1mm



#### **AC1045 (2 Pad / 4 Pad)**

Frequency range	3.2768 ~ 7.00MHz
Tolerance (25°C)	±20ppm ~ ±50ppm
Tolerance vs. temperature	±20ppm ~ ±50ppm
Operating temperature	-20°C ~ +70°C/-40°C ~ +85°C
Load capacitance	10pF ~ series
Dimensions	10.0x4.5x1.4mm



### SMD Ceramic & Metal

#### **CM2016 (4 Pad)**

Frequency range	24.00 ~ 48.00MHz
Tolerance (25°C)	±10ppm ~ ±20ppm
Tolerance vs. temperature	±10ppm ~ ±20ppm
Operating temperature	-20°C ~ +70°C/-40°C ~ +85°C
Load capacitance	6pF ~ series
Dimensions	2.0x1.6x0.7mm



## Quartz Oscillator Metal Package – Pin Through Hole

### AQO14

Frequency range  
Frequency stability  
Operating temperature  
Input voltage  
Output  
Dimensions

1.00 ~ 180.00MHz  
±25ppm, ±50ppm or ±100ppm  
0°C ~ +70°C/-40°C ~ +85°C  
3.3V, 5.0V  
CMOS / 15pF ~ 50pF  
20.4x13.1x5.3mm (>80MHz 7,7mm)



### AQO08

Frequency range  
Frequency stability  
Operating temperature  
Input voltage  
Output  
Dimensions

1.00 ~ 180.00MHz  
±25ppm, ±50ppm or ±100ppm  
0°C ~ +70°C/-40°C ~ +85°C  
3.3V, 5.0V  
CMOS / 15pF ~ 50pF  
12.9x12.9x5.3mm (>80MHz 7,7mm)



## Quartz Oscillator – SMD Package

### Clock Type, 32.768kHz, CMOS

#### AQO1612 Clock

Frequency range  
Frequency stability  
Operating temperature  
Input voltage  
Dimensions

(under development)  
32.768kHz  
±20ppm ~ ±100ppm  
-20°C ~ +70°C/-40°C ~ +85°C  
1.8V ~ 3.3V  
1.6x1.2x0.6mm



#### AQO2016 Clock

Frequency range  
Frequency stability  
Operating temperature  
Input voltage  
Dimensions

32.768kHz  
±20ppm ~ ±100ppm  
-20°C ~ +70°C/-40°C ~ +85°C  
1.8V ~ 5.0V  
2.0x1.6x0.8mm



#### AQO2520 Clock

Frequency range  
Frequency stability  
Operating temperature  
Input voltage  
Dimensions

32.768kHz  
±20ppm ~ ±100ppm  
-20°C ~ +70°C/-40°C ~ +85°C  
1.8V ~ 5.0V  
2.5x2.0x1.0mm



#### AQO3225 Clock

Frequency range  
Frequency stability  
Operating temperature  
Input voltage  
Dimensions

32.768kHz  
±20ppm ~ ±100ppm  
-20°C ~ +70°C/-40°C ~ +85°C  
1.8V ~ 5.0V  
3.2x2.5x1.2mm



#### AQO5032 Clock

Frequency range  
Frequency stability  
Operating temperature  
Input voltage  
Dimensions

32.768kHz  
±20ppm ~ ±100ppm  
-20°C ~ +70°C/-40°C ~ +85°C  
1.8V ~ 5.0V  
5.0x3.2x1.3mm



#### AQO7050 Clock

Frequency range  
Frequency stability  
Operating temperature  
Input voltage  
Dimensions

32.768kHz  
±20ppm ~ ±100ppm  
-20°C ~ +70°C/-40°C ~ +85°C  
1.8V ~ 5.0V  
7.0x5.0x1.4mm



### AQO08

Frequency range  
Frequency stability  
Operating temperature  
Input voltage  
Output  
Dimensions

1.00 ~ 180.00MHz  
±25ppm, ±50ppm or ±100ppm  
0°C ~ +70°C/-40°C ~ +85°C  
3.3V, 5.0V  
CMOS / 15pF ~ 50pF  
12.9x12.9x5.3mm (>80MHz 7,7mm)



## Programming Service

For developers it is often important to have quick access to required oscillators. In most cases, patterns are available relatively quickly, but sometimes it has to go even faster...

Here, the auris-GmbH offers the programming service for oscillators. Blanks in various sizes are available in stock.

- Advantages:**
- extremely short delivery time of a few days
  - minimal quantities (from five pieces)
  - individually programmable oscillators according to customer specification
  - various package sizes

## Programmable Oscillator

### APQO5032 / 7050

Frequency range  
Frequency stability  
Operating temperature  
Input voltage  
Output  
Dimensions

1.00 ~ 133.00MHz  
±25ppm ~ ±100ppm  
0°C ~ +70°C/-40°C ~ +85°C  
5.0V (1~133MHz), 3.3V (1~100MHz)  
CMOS / 15pF ~ 50pF  
5.0x3.2x1.2mm / 7.0x5.0x1.7mm



## Spread Spectrum Clock Oscillator

### ASSO5032 / 7050

Frequency range  
Frequency stability  
Operating temperature  
Input voltage  
Output  
Dimensions

13.00 ~ 160.00MHz  
±20ppm ~ ±100ppm  
0°C ~ +70°C/-40°C ~ +85°C  
2.5V ~ 3.3V  
CMOS / 15pF  
5.0x3.2x1.3mm / 7.0x5.0x1.4mm



## Quartz Oscillator – SMD Package

### Quartz Oscillator – Ceramic Package

#### CMOS

<b>AQO1612</b>	(under development)
Frequency range	1.25 ~ 80.00MHz
Frequency stability	±20ppm ~ ±100ppm
Operating temperature	0°C ~ +70°C/-40°C ~ +85°C
Input voltage	1.8V ~ 3.3V
Dimensions	1.6x1.2x0.6mm



#### **AQO2016**

Frequency range	1.25 ~ 100.00MHz
Frequency stability	±20ppm ~ ±100ppm
Operating temperature	0°C ~ +70°C/-40°C ~ +85°C
Input voltage	0.8V ~ 3.3V
Dimensions	2.0x1.6x0.8mm



#### **AQO2520**

Frequency range	1.00 ~ 160.00MHz
Frequency stability	±10ppm ~ ±100ppm
Operating temperature	0°C ~ +70°C/-40°C ~ +85°C
Input voltage	0.8V ~ 5.0V
Dimensions	2.5x2.0x1.0mm



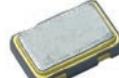
#### **AQO3225**

Frequency range	1.00 ~ 160.00MHz
Frequency stability	±10ppm ~ ±100ppm
Operating temperature	0°C ~ +70°C/-40°C ~ +85°C
Input voltage	0.8V ~ 5.0V
Dimensions	3.2x2.5x1.2mm



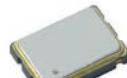
#### **AQO5032**

Frequency range	1.00 ~ 160.00MHz
Frequency stability	±10ppm ~ ±100ppm
Operating temperature	0°C ~ +70°C/-40°C ~ +85°C
Input voltage	0.8V ~ 5.0V
Dimensions	5.0x3.2x1.3mm



#### **AQO7050**

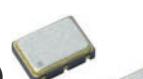
Frequency range	1.00 ~ 160.00MHz
Frequency stability	±10ppm ~ ±100ppm
Operating temperature	0°C ~ +70°C/-40°C ~ +85°C
Input voltage	0.8V ~ 5.0V
Dimensions	7.0x5.0x1.4mm



### LVPECL/LVDS

#### **AQO2520 / 3225 LVPECL/LVDS (6 Pad)**

Frequency range	13.50 ~ 156.25MHz
Frequency stability	±20ppm ~ ±100ppm
Operating temperature	-20°C ~ +70°C/-40°C ~ +85°C
Input voltage	1.8V ~ 3.3V
Dimensions	2.5x2.0x1.1mm / 3.2x2.5x1.2mm



#### **AQO5032 / 7050 LVPECL/LVDS (6 Pad)**

Frequency range	13.50 ~ 212.50MHz
Frequency stability	±20ppm ~ ±50ppm
Operating temperature	-20°C ~ +70°C/-40°C ~ +85°C
Input voltage	1.8V ~ 3.3V
Dimensions	5.0x3.2x1.3mm / 7.0x5.0x1.6mm



### Temperature-compensated Quartz Oscillator

#### **ATCQO2016**

Frequency range	13.00 ~ 52.00MHz
Frequency stability	±0.5ppm ~ ±2.5ppm
Operating temperature	-30°C ~ +70°C/-40°C ~ +85°C
Input voltage	1.8V, 2.5V, 3.0V
Output signal	Clipped sine
Dimensions	2.0x1.6x0.8mm



#### **ATCQO2520**

Frequency range	2.50 ~ 54.00MHz
Frequency stability	±0.5ppm ~ ±2.5ppm
Operating temperature	-20°C ~ +70°C/-40°C ~ +85°C
Input voltage	1.8V, 2.0V, 2.5V, 2.8V, 3.0V, 3.3V
Output signal	Clipped sine / CMOS
Dimensions	2.5x2.0x1.0mm



#### **ATCQO3225 / 5032**

Frequency range	2.50 ~ 54.00MHz
Frequency stability	±0.5ppm ~ ±2.5ppm
Operating temperature	-20°C ~ +70°C/-40°C ~ +85°C
Input voltage	1.8V, 2.0V, 2.5V, 2.8V, 3.0V, 3.3V
Output signal	Clipped sine / CMOS
Dimensions	3.2x2.5x1.0mm / 5.0x3.2x1.5mm



#### **ATCQO7050**

Frequency range	10.00 ~ 52.00MHz
Frequency stability	±0.5ppm ~ ±2.5ppm
Operating temperature	-20°C ~ +70°C/-40°C ~ +85°C
Input voltage	1.8V, 3.3V
Output signal	Clipped sine / CMOS
Dimensions	7.0x5.0x1.4mm



### Voltage-controlled Quartz Oscillator

#### CMOS

#### **AVCQO2520 (4 Pad)**

Frequency range	1.25 ~ 62.00MHz
Frequency stability	±20ppm ~ ±50ppm
Operating temperature	-20°C ~ +70°C/-40°C ~ +85°C
Input voltage	3.3V
Dimensions	2.5x2.0x1mm



#### **AVCQO3225 (4 Pad / 6 Pad)**

Frequency range	1.00 ~ 54.00MHz
Frequency stability	±25ppm ~ ±100ppm
Operating temperature	-20°C ~ +70°C/-40°C ~ +125°C
Input voltage	1.8V, 2.8V, 3.3V, 5.0V
Dimensions	3.2x2.5x1.2mm



#### **AVCQO5032 (4 Pad / 6 Pad)**

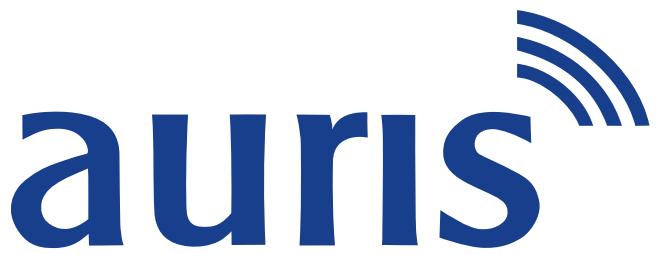
Frequency range	1.00 ~ 54.00MHz
Frequency stability	±25ppm ~ ±100ppm
Operating temperature	-20°C ~ +70°C/-40°C ~ +125°C
Input voltage	1.8V, 2.8V, 3.3V, 5.0V
Dimensions	5.0x3.2x1.3mm



#### **AVCQO7050 (4 Pad / 6 Pad)**

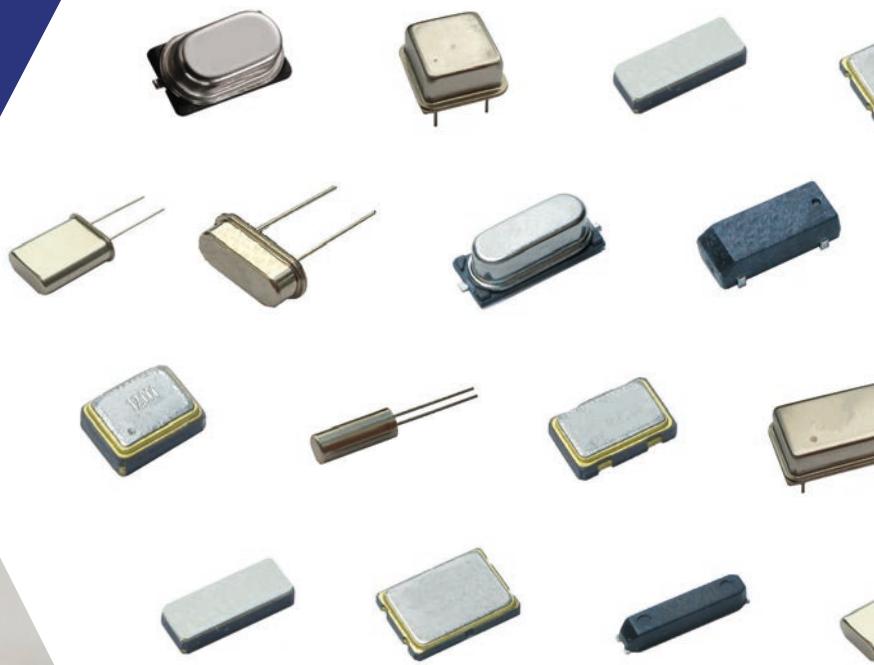
Frequency range	1.00 ~ 54.00MHz
Frequency stability	±25ppm ~ ±100ppm
Operating temperature	-20°C ~ +70°C/-40°C ~ +125°C
Input voltage	1.8V, 2.8V, 3.3V, 5.0V
Dimensions	7.0x5.0x1.8mm





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