

# MultiVolt™ Oscillators (MV) and Tight Stability MultiVolt™ Oscillators (SMV)

The ECS Inc. MultiVolt™ series of Oscillators, serve multiple platforms to aide your design efforts. They come in industry standard packages, as small as 1.6 x 1.2 mm. They are available as standard oscillators (MV) with stabilities down to  $\pm 20$ ppm and tight stability oscillators (SMV) with stabilities down to  $\pm 5$ ppm.

All MultiVolt™ series Oscillators can operate across supply voltage 1.8V, 2.5V, 3.0V, and 3.3V. These quartz-based oscillators offer better jitter, and overall better performance than MEMS oscillators at a lower cost point.

For more product options and information, contact our engineering team at [engineering@ecsxtal.com](mailto:engineering@ecsxtal.com).

Image	Model Information	Frequency Range	Frequency Stability	Operating Temperature Range	Package Size (mm)	Inventory
	<a href="#">ECS-1612MV</a>	8 – 50 MHz	$\pm 25$ ppm	-40 ~ +85°C	1.6 x 1.2 x 0.7	<a href="#">Check Inventory Here</a>
	<a href="#">ECS-2016MV</a>	12 – 50 MHz	$\pm 25$ ppm	-40 ~ +85°C	2.0 x 1.6 x 0.85	<a href="#">Check Inventory Here</a>
	<a href="#">ECS-2520MV</a>	12 – 50 MHz	$\pm 25$ ppm	-40 ~ +85°C	2.5 x 2.0 x 0.8	<a href="#">Check Inventory Here</a>
	<a href="#">ECS-2520SMV</a>	8 – 60 MHz	$\pm 5$ ppm	-40 ~ +105°C	2.5 x 2.0 x 0.8	<a href="#">Check Inventory Here</a>
	<a href="#">ECS-3225MV</a>	12 – 50 MHz	$\pm 25$ ppm	-40 ~ +85°C	3.2 x 2.5 x 1.2	<a href="#">Check Inventory Here</a>
	<a href="#">ECS-3225SMV</a>	8 – 60 MHz	$\pm 5$ ppm	-40 ~ +105°C	3.2 x 2.5 x 1.2	<a href="#">Check Inventory Here</a>
	<a href="#">ECS-5032MV</a>	0.75 – 160 MHz	$\pm 25$ ppm	-40 ~ +85°C	5.0 x 3.2 x 1.3	<a href="#">Check Inventory Here</a>
<b>32.768 kHz MultiVolt Oscillators</b>						
	<a href="#">ECS-327MV</a>	32.768 kHz	$\pm 25$ ppm	-40 ~ +85°C	1.6 x 1.2 x 0.7	<a href="#">Check Inventory Here</a>
	<a href="#">ECS-327MVATX</a>	32.768 kHz	$\pm 25$ ppm	-40 ~ +85°C	2.0 x 1.6 x 0.9 2.5 x 2.0 x 1.0 3.2 x 2.5 x 1.2 5.0 x 3.2 x 1.3 7.0 x 5.0 x 1.4	<a href="#">Check Inventory Here</a>

### Technical Resources:

- [Video Learning](#)
- [ECS Website](#)
- [Technical Guides](#)
- [2020 ECS Catalog](#)