



The ECS Inc. International MultiVolt™ series of oscillators serve multiple platforms to aid your design efforts. They are available in industry standard packages as small as 1.6 mm x 1.2 mm. They are available as standard oscillators, noted by simple MV, with stabilities down to ± 20 PPM. All MultiVolt™ oscillators can operate across supply voltages of +1.8 V, +2.5 V, +3.0 V, and +3.3V. These quartz based oscillators offer better jitter and better performance than MEMS oscillators at better cost.

Model Information	Package Size (mm)	Frequency Range	Frequency Stability	Operating Temperature Range	Inventory
32.768 kHz MultiVolt™ Oscillators					
ECS-327MV	1.6 x 1.2 x 0.7	32.768 kHz	± 25 PPM	-40°C ~ +85°C	Inventory
ECS-327MVATX	Multiple Sizes	32.768 kHz	± 25 PPM	-40°C ~ +85°C	Inventory
ECS-2012MV-327KE	2.0 x 1.2 x 0.85	32.768 kHz	± 10 PPM	-40°C ~ +85°C	Inventory
ECS-3215MV-327KE	3.2 x 1.5 x 0.9	32.768 kHz	± 50 PPM	-40°C ~ +85°C	Inventory
ECS-327ATQMV	3.2 x 2.5 x 0.9	32.768 kHz	± 100 PPM	-40°C ~ +125°C	Inventory
MHz MultiVolt™ Oscillators					
ECS-1612MV	1.6 x 1.2 x 0.7	8 ~ 30 MHz	± 25 PPM	-40°C ~ +85°C	Inventory
ECS-2016MV	2.0 x 1.6 x 0.85	1.5 ~ 54 MHz	± 25 PPM	-40°C ~ +85°C	Inventory
ECS-2520MV	2.5 x 2.0 x 0.8	0.75 ~ 160 MHz	± 25 PPM	-40°C ~ +85°C	Inventory
ECS-3225MV	3.2 x 2.5 x 1.2	1.84 ~ 160 MHz	± 25 PPM	-40°C ~ +85°C	Inventory
ECS-5032MV	5.0 x 3.2 x 1.3	0.75 ~ 160 MHz	± 25 PPM	-40°C ~ +85°C	Inventory
ECS-7050MV	7.0 x 5.0 x 1.7	1 ~ 160 MHz	± 50 PPM	-40°C ~ +85°C	Inventory

Technical Resources:

- [ECS Inc. International Product Catalog](#)
- [Technical Guides + White Papers](#)
- [ECS Inc. International Website](#)

Applications:

- IoT
- Storage Devices
- Mobile Devices
- Industrial

Features:

- Frequency Range: 32.768 kHz ~ 160 MHz
- HCMOS output compatible with +1.8 V, +2.5 V, +3.0 and +3.3 V
- Operating Temperature Ranges: -10°C ~ +105°C or -40°C ~ +85°C
- RoHS and REACH Compliant