

# Low Jitter MultiVolt™ Oscillators (LMV) Low Current MultiVolt™ Oscillators (MVLC)



The ECS Inc. International high performance MultiVolt™ oscillators are designed and manufactured to have specific superior characteristics compared to the standard MV. The MVLC oscillators can operate across the supply voltage of 1.6V ~ 3.6V and on a static supply compatible with 1.8V, 2.5V, 3.0V, and 3.3V while offering an incomparable current draw of 1.5mA and frequency range of 1~75 MHz. The LMV oscillators can operate on a supply of 2.375V ~ 3.6V and on a static supply compatible with 2.5V, 3.0V, and 3.3V. The LMV oscillator offers industry leading jitter of <50pS with an LVDS output. These quartz-based oscillators are ideal for networking and communications, data storage, and battery powered operations.

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

## Technical Resources:

[ECS Inc. Website](#)  
[Video Learning](#)  
[Technical Guides](#)  
[ECS Inc. Catalog](#)

## LVDS Low Jitter <50fs MultiVolt™

Series Number	Package Size	Actual Size	Stability	Frequency (min-max)	Operating Temperatures	Inventory
ECX2-LMV-3	3.2 x 2.5 x 0.9 mm		±25ppm	100 ~ 320 MHz	-40°C ~ +85°C	<a href="#">Check Inventory Here</a>
ECX2-LMV-5	5.0 x 3.2 x 1.2 mm		±25ppm	100 ~ 320 MHz	-40°C ~ +85°C	<a href="#">Check Inventory Here</a>
ECX2-LMV-7	7.0 x 5.0 x 1.5 mm		±25ppm	100 ~ 320 MHz	-40°C ~ +85°C	<a href="#">Check Inventory Here</a>

## Clipped Sine Wave MultiVolt™

Series Number	Package Size	Actual Size	Stability	Frequency (min-max)	Operating Temperatures	Inventory
ECS-2520MVLC	2.5 x 2.0 x 0.8 mm		±50ppm	1 ~ 75 MHz	-40°C ~ +85°C	<a href="#">Check Inventory Here</a>