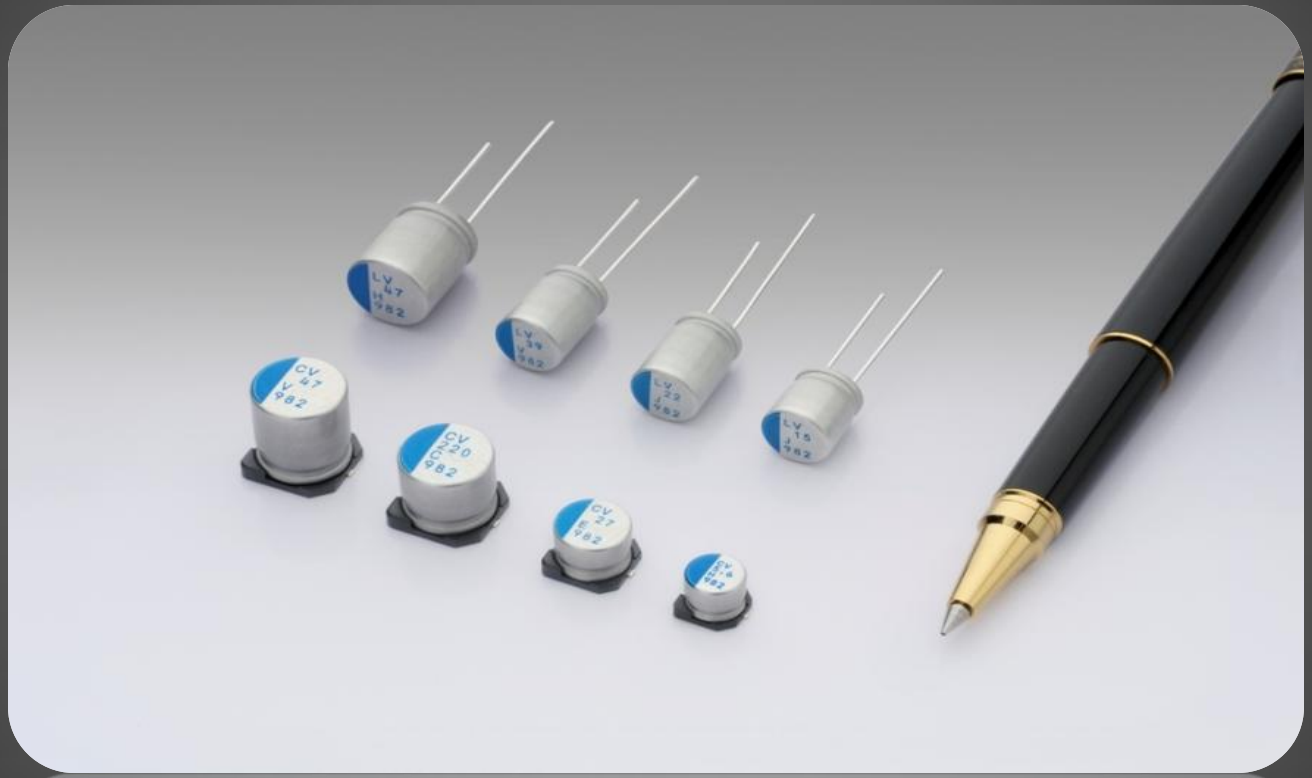
Tech Topics: Polymer Capacitors

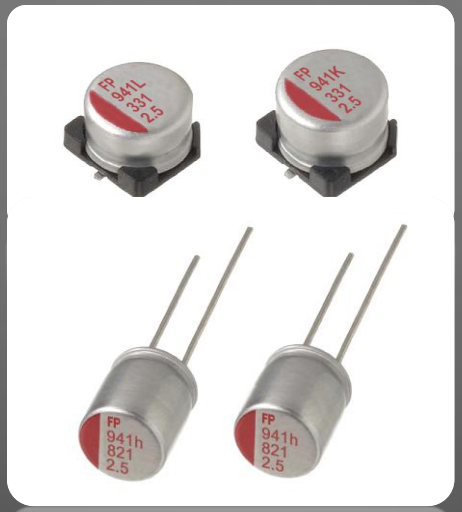


Back to Basics

nichicon

Nichicon Advantages

- Largest selection in the industry
- Superior Performance
- Saves board space and overall cost



Nichicon Advantages

Largest selection in the industry

Fukui in Japan

Suzhou, China (FPCAP)

Suqian in China

Two Brands One Company

- 17 series of Through Hole
- 17 series of SMT

Nichicon Advantages

Superior Performance

- **Higher Ripple Current** Up to 6 times higher than Aluminum Caps.
- **Low ESR** 75% lower ESR than an Aluminum in the same case size
- **Long Life** 10 x with 20c drop
- **High temperature resistance** More stable than Aluminum Caps.

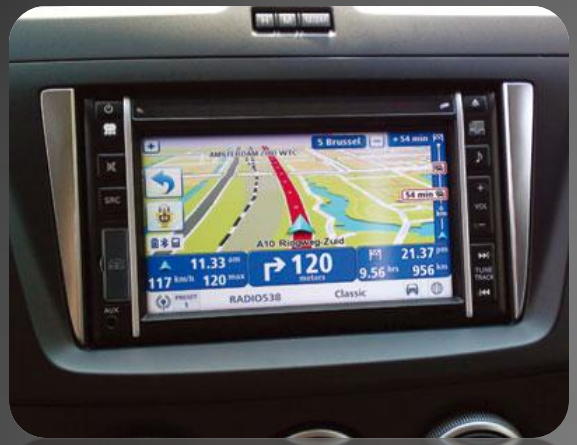
Nichicon Advantage

Saves board space and overall cost

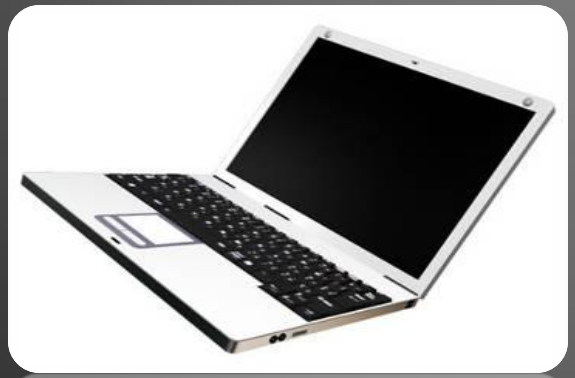
Example for 25V

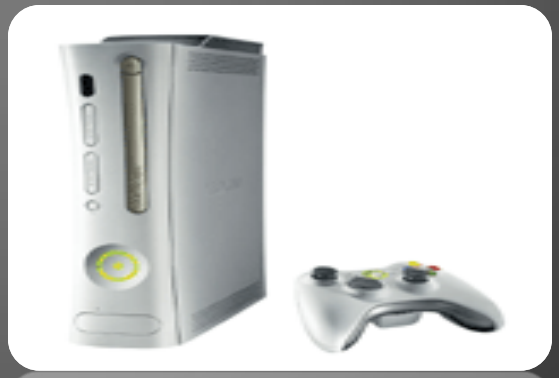
SS	SL
25V/10 to 47μF ESR: 30～60mΩ **Height: 6mmMax**	25V/15μF ESR: 55mΩ **Height: 4.5mmMax**

Applications/Focus Markets



- Game Consoles
- Motherboards
- Laptops
- Car Navigation





Nichicon: High Quality

- Largest selection in the industry
- Superior Performance
- Saves board space and overall cost

For More Information

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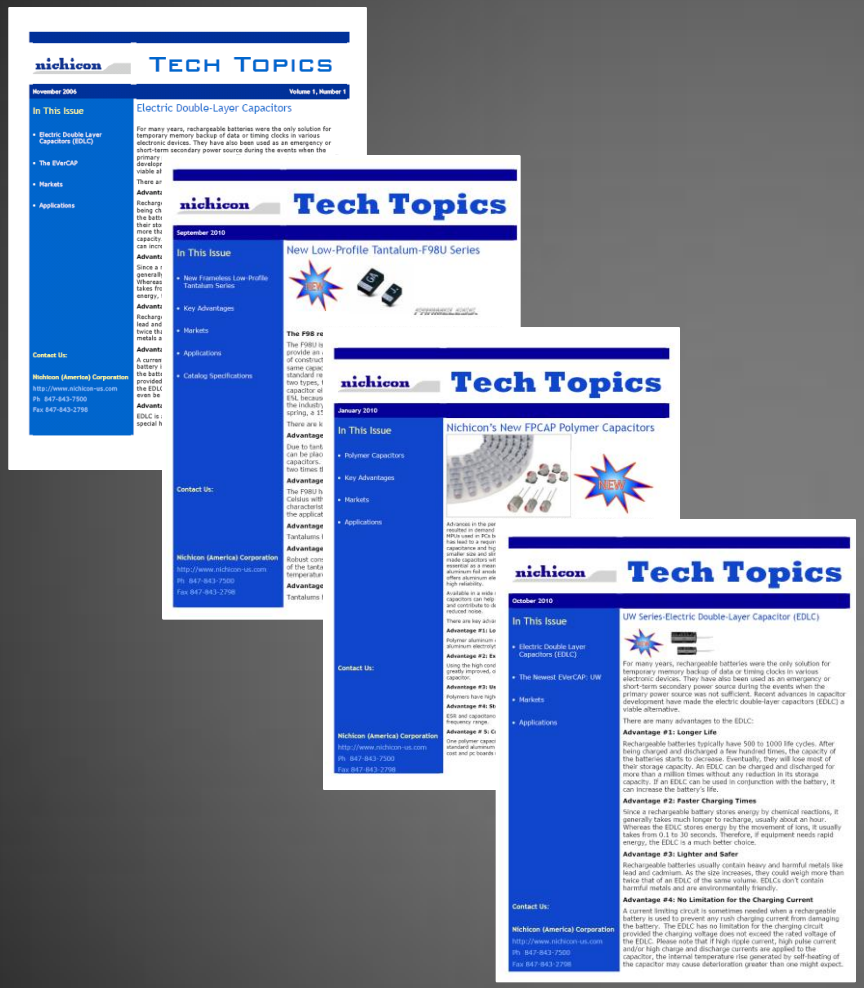

- New Products
- Product Upgrades
- Vertical Markets