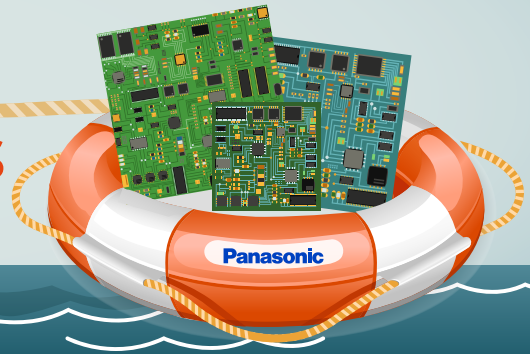




# Rescue Your Design With 5 Capacitor Alternatives


**SP-Cap™**

- Voltage: 2 To 35 VDC
- Capacitance: 2.2  $\mu$ F To 560  $\mu$ F
- Ripple up to 10.2Arms
- Lowest ESL/ESR: 0.5nH/3m $\Omega$




**POSCAP™**

- Voltage: 2 To 35 VDC
- Capacitance: 3.9  $\mu$ F To 1500  $\mu$ F
- Size: 2.0x1.25 to 7.3x4.3mm
- ESR: As Low As 5m $\Omega$




**OS-CON™**

- Voltage: 2 To 100 VDC
- Capacitance: 3.3  $\mu$ F To 2700  $\mu$ F
- Ripple Up To 7.2Arms
- ESR: As Low As 5m $\Omega$



**Hybrid**

- Voltage: 25 To 80 VDC
- Temp: Up To 145°C
- Ripple Up To 4.0Arms
- AEC-Q200 Compliant



**Film**

- Voltage: Up To 630 VDC
- Capacitance: 0.0001 $\mu$ F To 1 $\mu$ F
- Size: 1.6 x 0.8 To 7.1 x 6.3
- Temp: - Up To 125°C

## Do MORE With Less!

One Polymer Capacitor Has  
The Ability To Replace Many MLCCs



- Industry Leading Low Capacitance Rating Up To 1500 $\mu$ F (No DC Bias Effect)
- Voltage Ratings up to 100V (No Derating)
- Industry leading Low ESR
- Physically Robust
- Safe Failure Mode
- Long Life
- Stable Characteristics Against Temperature And Bias Voltage
- Significantly Safer Than MLCCs
- Space Reduction
- Lower System Cost
- Easy To Use
- Higher System Performance And Safety

For more information please visit: [na.industrial.panasonic.com/mlccreplace](http://na.industrial.panasonic.com/mlccreplace)