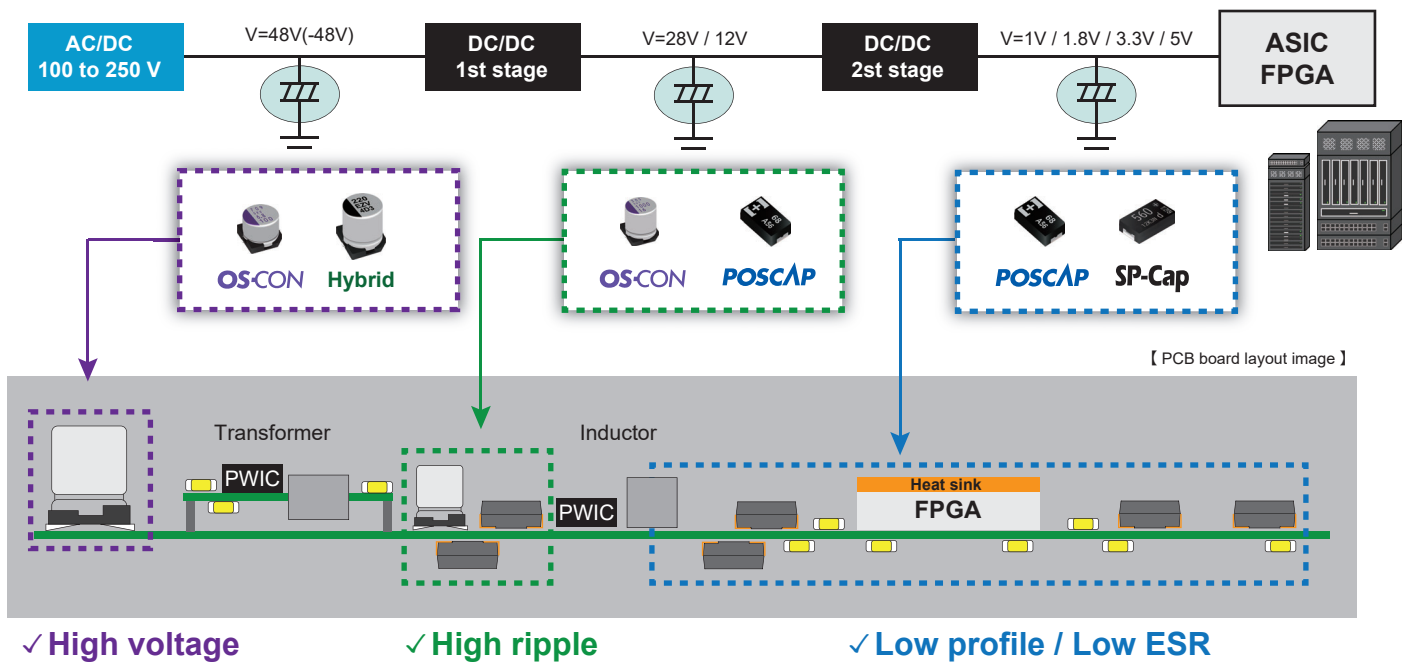


Panasonic Industry polymer solutions for Network related

【Benefit Points】

POSCAP, SP-Cap, OS-CON, Hybrid

4 High performance polymers support design needs



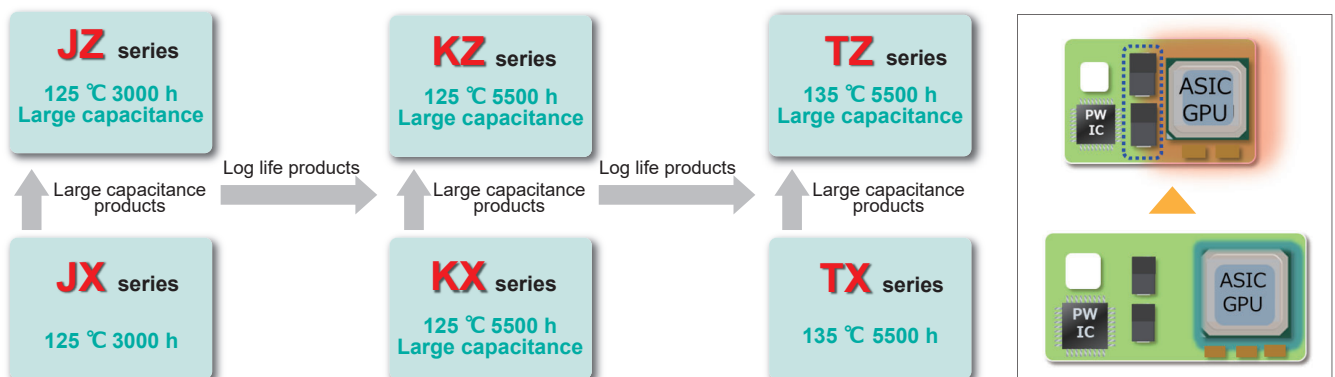
SP-Cap

Conductive Polymer Aluminum Electrolytic Capacitors

SP-Cap

Satisfy design trend / Circuit conditions


- ✓ Possible for mount near heated ICs
- ✓ Specified at 85 °C 85 % RH, 1000 h



POSCAP Conductive Polymer Tantalum Solid Capacitors **POSCAP**


Only 1p POSCAP might replace several capacitors

[High voltage]
TQC series
16 V / 47 μ F, 20 V / 33 μ F
25 V / 22 μ F, 35 V / 10 μ F




16 V / 220 μ F
25 V / 100 μ F

B size



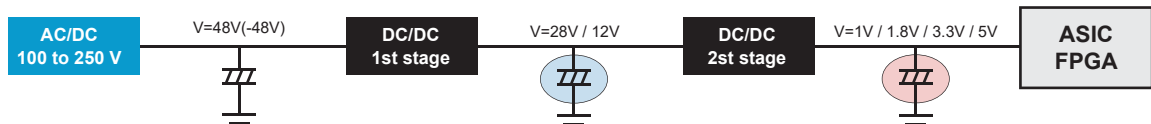
D size



[Low ESR]
TPE series
2.5 V / 330 μ F
6.3 V / 220 μ F

TPF series
2.5 V / 1000 μ F
6.3 V / 470 μ F

5 m Ω available
(TPF series: 2.5V/1000 μ F)



OS-CON Conductive Polymer Aluminum Solid Capacitors **OS-CON**

Support low to high voltage rails


[High voltage]
SXV series
63 V to 100 V
for 48 V rail

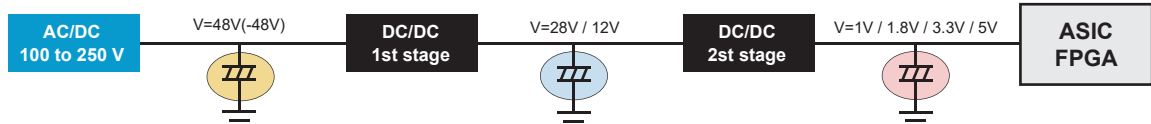


[High ripple]
SVPG series
7500 mArms max.
for 12 V rail



[High reliability]
SVT series
90 °C 12.8 yrs (Est life)
-40 to +60 °C
Outdoor computing (Industrial)





Hybrid Conductive Polymer Hybrid Aluminum Electrolytic


Polymer + Liquid technologies realize high performances

- ✓ Low LC (0.01CV)
- ✓ Open life end mode
- ✓ AEC-Q200 compliant

✓ Space saving




[High voltage & High ripple]
ZUU series
63 V / 180 μ F
5500 mArms at 125 °C
for 48 V rail



ø10x16.5

[High ripple & Low height]
ZV series
35 V / 270 μ F
4600 mArms at 125 °C
for 24 V rail



ø10x10.2

