Communication infrastructure

Set product trend

- High-speed communication (-40 Gbps)
- Increase in the number of ports and data throughput
- Slimming (1U)

Power source trend

- Increase in LSI load current

Larger LSI current & Increased quantity of LSI

<Output>
- FPGA/ASIC (1 V/ -70A)
- Other LSIs (1 V/ -20A)

Capacitor required specifications

- Low ESR
- Large capacitance
- Low profile

Features of recommended products

SP-Cap
- Ultra-low ESR (3 mΩ - )
- Low profile (1-2 mm)

POSCAP
- Low ESR (5 mΩ - )
- Downsizing (3.5x2.8 mm)

Proposals

- Cost reduction + Space reduction
- Cost reduction + Space reduction
- Space reduction