Monitor camera

Set product trend

- High picture quality
- Smaller
- Enhanced communications (wireless, LAN)
- Wider viewing angle (motor)

Power source trend

Increase in LSI load current

(1) CPU/GP power source/motor
(2) Others
(Instantaneous power failure measure, PoE 48 V input)

Capacitor required specifications

- Low ESR
- Large capacitance
- Low profile
- High ripple

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)

Example of circuit

INPUT — DDCON — LDO — [+] — Analog-Vcc

SP-Cap
POSCAP

LDO — [+] — Analog-Vcc

C-MOS sensor

LDO — [+] — Analog-Vcc

INPUT — [+] —

POSCAP
(Small products)

C-MOS sensor