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

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)

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

Example of circuit

INPUT -> DDCON -> LDO -> SP-Cap POSCAP

INPUT -> LDO -> LDO -> LDO

INPUT -> Analog-Vcc -> Analog-Vcc

C-MOS sensor

POS CAP (Small products)

C-MOS sensor