

NCP718

LDO300 mAVinIq

NCP718300 mA LDO4 μ A24 V

- Ultra-Low Quiescent Current typ. 4 μ A over Temperature
- Operating Input Voltage Range 2.5 V to 24 V
- Adjustable and Fixed Version Available
- High PSRR 60dB at 1kHz
- Noise typ. 36 μ V_{RMS} from 100 Hz to 100 kHz
- Stable with 1 μ F output capacitor
- Soft-start to Reduce Inrush Current and Overshoots
- SOA Limiting for High Vin / High Iout – Static and Dynamic
- Improved efficiency during light load conditions
- Wide operating range, suitable for industrial
- Possibility to create any output voltage in range 1.2V to 5V
- Excellent for power sensitive device
- Very well suited for noise sensitive application
- Good stability with common and cheap capacitors
- Smooth and controlled output voltage raise
- Reliable operation under various condition
- NCP718 can be used for powering MCU and other IC
- Telecommunication : Zigbee, NB-IoT, Industrial : Smart Meter, Smart LED, Set-Top-Box, Medical : Equipment
- Battery powered equipment
- Wireless charges, routers
- Industrial power supplies
- Wearable electronics
- Wireless routers
- Sensor systems
- Wireless charges
- Battery powered applications