

## NCP1402

### PFM200 mA

NCP1402 DC-DC 1 2 0.8 V 0.3 V 3 200 mA  $V_{in} = 2.0 V$   $V_{OUT} = 3.0 V$  PFM () PFM PFM MOSFET NCP1402 SOT-23-5 5 1.8 V 5.0 V 100 mV

- Extremely Low Start-Up Voltage of 0.8 V
  - Operation Down to Less than 0.3 V
  - High Efficiency 85% ( $V_{in} = 2.0 V$ ,  $V_{OUT} = 3.0 V$ , 70 mA)
  - Low Operating Current of 30  $\mu A$  ( $V_{OUT} = 1.9 V$ )
  - Output Voltage Accuracy +/- 2.5%
  - Low Converter Ripple with Typical 30 mV
  - Only Three External Components Are Required
  - Chip Enable Power Down Capability for Extended Battery Life
  - Micro Miniature Thin SOT-23-5 Packages
  - Pb-Free Packages are Available
- For more features, see the data sheet

- Cellular Telephones
- Pagers
- Personal Digital Assistants (PDA)
- Electronic Games
- Portable Audio (MP3)