

NCP3235

4.5 V 23 VMOSFET DC/DC

NCP3235 MOSFET 15 A DC/DC 0.6V 80% 550 kHz 1 MHz DCM/CCM 6mm x 6mm TQFN

- Accurate 0.6 V reference
- DCM/CCM selectable options
- 550kHz/1.1MHz switching frequency
- Ultra-sonic mode
- Thermally enhanced QFN package
- Wide operating range 4.5 V to 21 V
- Adjustable soft start
- Adjustable output to set desired voltage as low as 0.6 V
- Operate in discontinuous mode for higher efficiency at light loads
- Design flexibility to select higher efficiency or smaller output filter
- Keeps capacitors from making audio sounds
- Higher dissipation with 3 exposed pads
- Allows for use across multiple applications
- Allows smooth ramp up during power up
- Computing/Servers
- Datacom/Networking
- FGPA, ASIC, DSP power
- 12 V Point of load
- Desktops
- Servers
- Networking