

30W Automotive Pre-Regulator

Features

- ✓ Complete 30 W automotive pre-regulator reference design
- ✓ 97.5 % peak efficiency with 410 kHz switching frequency (NCV881930)
- ✓ Ultra-compact size with 2 MHz switching frequency (NCV891930)

Value Advantage

- ✓ Easy to design due to integrated compensation
- ✓ Fixed output voltage option (3.3 & 5.0 V)
- ✓ Low I_Q mode for battery connected applications
- ✓ Spread spectrum to minimize EMI

Application Use Case

- All mid-power level battery connected automotive applications like ADAS, Cluster, Gateway, Infotainment, Gateway, ..

Additional Information

- Full design documentation online available
 - 410 kHz (NCV881930) version
[TND6286/D](#)
 - 2 MHz (NCV891930) version
[TND6287/D](#)



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