

# NCV6357

## I2C 5.0 A

NCV6357 AOT ( ) 5 V 0.6 V 3.3 V 5.0 A 2.4 MHz PFM Pseudo-PWM (PPWM) NCV6357 3.0 x 4.0 mm DFN-14

- Input Voltage Range from 2.5 V to 5.5 V
- Up to 2.4 MHz Switching Frequency
- Enabling with pins or I2C
- I2C access in off mode
- Best in class Transient / Ripple
- 4 Level Thermal Warnings
- Battery, 3.3 V and 5.0 V Rail Powered Applications
- Reduced output inductor and capacitor size
- Flexible enabling and disabling
- Pre programming at low power
- LPDDR4 memory and ARMcore support
- Precise temperature control
- Automotive POL
- Instrumentation, Clusters
- Infotainment
- ADAS System (Vision, Radar)
- Snap Dragon
- Automotive

	Pricing (\$/Unit)	Compliance	Status	Topology	Control Mode	V <sub>CC</sub> Min (V)	V <sub>CC</sub> Max (V)	V <sub>O</sub> Typ (V)	I <sub>O</sub> Typ (A)	Efficiency (%)	f <sub>sw</sub> Typ (kHz)	Package Type
NCV6357MTWATXG	1.15		Active	Step-Down	Voltage Mode	2.5	5	1.8	5	94	2400	WDFN W-14
NCV6357MTWB TXG	1.3333		Active	Step-Down	Voltage Mode	2.5	5	0.9	5	94	2400	WDFN W-14
NCV6357MTWC TXG	1.3333		Active	Step-Down	Voltage Mode	2.5	5	1.8	5	94	2400	WDFN W-14
NCV6357MTWD TXG	1.3333		Active	Step-Down	Voltage Mode	2.5	5	1.25	5	94	2400	WDFN W-14

