

NCV3064

//1.5 AON/OFF

- Operation up to 40 V Input
- Frequency operation up to 150 kHz (250 kHz if used as a controller)
- Internal thermal Shutdown with hysteresis
- Cycle-by-Cycle Current Limiting
- Low power standby mode (<100µA)
- Flexibility to operate over a wide range of applications
- Reduced output capacitance and ability to use SMT inductor
- This feature is provided to prevent catastrophic failures from accidental device overheating
- Improved protection capability over MC34063
- Extended battery life. Ability to meet Energy Star requirements.
- NCV3064 available for automotive applications
- Cigarette Lighter Adapter (CLA)
- Battery Charger

	Pricing (\$/Unit)	Compliance	Status	Topology	Control Mode	V _{CC} Min (V)	V _{CC} Max (V)	V _O Typ (V)	I _O Typ (A)	Efficiency (%)	f _{SW} Typ (kHz)	Package Type
NCV3064DR2G	0.7477		Active		Hysteric	3	40	40	1.5	85	150	SOIC-8
NCV3064MNTXG	0.6271		Active		Hysteric	3	40	40	1.5	85	150	DFN-8

