

NCV890430

0.6 A 2 MHz 100%

NCV890430 45 V () () NCV890430 ()

- Internal 550 mΩ P Channel and 300 mΩ N-Channel Power Switches
- Capable of 100% Duty Cycle Operation
- VIN operating range of 3.5 V to 37 V
- Withstands Load Dump to 45 V
- 2 MHz Free-Running Switching Frequency
- Shutdown Current Less than 10 μA
- High Voltage Enable Pin
- Synchronization Input Pin
- Maximum DC Output Current of at least 0.6A
- Fixed Output Voltage (5.0 V, 3.3 V and 2.5 V Versions)
For more features, see the data sheet

- Automotive Infotainment and Instrumentation
- Automotive Body Applications
- Linear Regulator Replacement
- Rear View Camera
- Automotive

	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
NCV890430MW50TXG	1.1451		Active	Step-Down	Current Mode	3.5	45	5	0.6	74	2000	DFN-8