

# NCV48220

## LDO 150 mA Iq

NCV48220 150 mA LDO ( ) NCV48220 NCV48220 35  $\mu$ A 1  $\mu$ A NCV48220

- Output Voltage: 5 V
- LDO Output Current: up to 150 mA
- Very Wide Input Voltage Operation Range: from 3 V to 40 V
- Very Low Quiescent Current: typ 35  $\mu$ A
- Microprocessor Compatible Control Functions: Reset Output
- AEC-Q100 Grade 1 Qualified and PPAP Capable
- Protection Features: Current Limitation, Thermal Shutdown, Reverse Bias Output Current
- Enable Function (1  $\mu$ A max quiescent current when disabled)
- Pb-Free Device
- Perfect for powering microprocessors.
- Our vast portfolio of automotive regulators allows you to select the one which fits your application.
- Maintains regulated voltage through load dump and battery undervoltage.
- Meets the latest automotive module requirement of less than 100  $\mu$ A.
- Prohibits the microprocessor from performing unrequested tasks at low voltage.
- Meets automotive Site and change control & AEC-Q100 Qualification requirements.
- Protects the device from permanent damage.
- Stop-Start Applications
- Instruments and Clusters
- Infotainment
- Telematics
- Navigation
- Automotive

	Pricing (\$/Unit)	Compliance	Status	Output	Polarity	V <sub>O</sub> (V)	I <sub>O</sub> Typ (A)	V <sub>I</sub> Min (V)	V <sub>I</sub> Max (V)	V <sub>DO</sub> Typ (V)	I <sub>Q</sub> Typ (mA)	PSRR (dB)	Noise ( $\mu$ V <sub>r</sub> ms)	Enable	PowerGood	Application	Packaging Type
NCV48220D50R2G	1.3565		Active	Single	Positive	5	0.15	3	40	0.15	0.035	60		Yes	Yes	Automotive	SOIC-8