

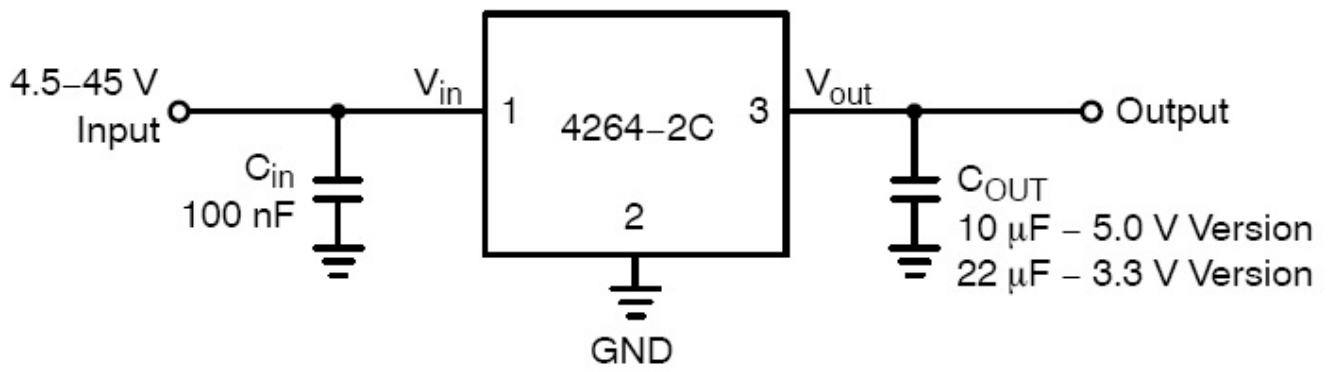
# NCV4264-2C

## LDO 100 mA Iq PSRR

NCV4264-2C LDO +/-2.0 % 100 mA 100 mA 500 mV 45 V

- Maximum 60  $\mu$ A Quiescent Current with 100  $\mu$ A Load
- Very Low Dropout 500 mV (max) at 100 mA Load Current
- Fault Protections: -42 V Reverse Voltage Protection Short Circuit/Overcurrent Protection Thermal Overload Protection
- 5.0 V and 3.3 V Fixed Output Voltage with 2% Output Voltage Accuracy, Over Full Temperature Range
- AEC-Q100 Qualified
- Save battery life when in standby mode.
- Can operate during cranking at low input voltage.
- No external components required to enable protections required within any automotive applications.
- Engine Control Module
- Body and Chassis
- Powertrain
- 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	Package Type
NCV4264-2CST33T3G	0.4533		Active	Single	Positive	3.3	0.1	-42	45	0.23	0.033	67	-	No	No	Automotive	SOT-223-4 / TO-261-4D
NCV4264-2CST50T3G	0.4533		Active	Single	Positive	5	0.1	-42	45	0.27	0.033	67	-	No	No	Automotive	SOT-223-4 / TO-261-4D



**Figure 2. Applications Circuit**