

## NCV8160

### LDO 250 mA Iq PSRR

NCV8160 250 mA RF/ NCV8160 PSRR/1μF 1μF XDFN-4 0.65P1 mm x 1 mm

- Ultra High PSRR 90dB at 1kHz, 20mA
- Ultra Low Output Noise 10μVRMS
- Very Low Dropout 90mV@250mA
- Ultra Low Quiescent current 18μA
- Excellent for power sensitive device like camera module and wireless
- Very well suited for noise sensitive application
- Allow work with very low VIN-VOUT difference
- Improved efficiency during light load conditions
- RF Modules
- Automotive Infotainment Systems
- Parking camera module
- Precision Analog Circuits
- Audio codec
- Parking camera
- Intelligent rear mirror
- Infotainment systems

	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 (μV <sub>rms</sub> )	Enable	PowerGood	Application	Package Type
NCV8160AMX180TBG	0.1247		Active	Single	Positive	1.8	0.25	1.9	5.5	0.18	0.018	98	10	Yes	No	Automotive	XDFN-4
NCV8160AMX250TBG	0.1302		Active	Single	Positive	2.5	0.25	1.9	5.5	0.11	0.018	98	10	Yes	No	Automotive	XDFN-4
NCV8160AMX280TBG	0.1247		Active	Single	Positive	2.8	0.25	1.9	5.5	0.095	0.018	98	10	Yes	No	Automotive	XDFN-4
NCV8160AMX290TBG	0.1302		Active	Single	Positive	2.9	0.25	1.9	5.5	0.095	0.018	98	10	Yes	No	Automotive	XDFN-4
NCV8160AMX300TBG	0.1302		Active	Single	Positive	3	0.25	1.9	5.5	0.09	0.018	98	10	Yes	No	Automotive	XDFN-4
NCV8160AMX330TBG	0.1247		Active	Single	Positive	3.3	0.25	1.9	5.5	0.06	0.018	98	10	Yes	No	Automotive	XDFN-4