

ON Semiconductor®



Part Number: STR-NCV8163-NCP163-EVK

Description: NCV8163/NCP163 - 250mA LDO with Fixed Output Voltage From 1.2V to 5.3V Eval Kit

The STR-NCV8163-NCP163-EVK provides an evaluation kit for the NCV8163 and NCP163 series of 250 mA ultra-low noise and high PSRR XDFN4 package LDOs with available fixed output voltages of 1.2 V to 5.3 V. The NCV8163 and NCP163 are designed to meet requirements for sensitive RF and analog circuits with typical applications in various battery powered devices. The NCV8163 is rated for automotive and industrial applications. This evaluation kit can be used in tandem with the Strata environment GUI which can enable/disable the LDO as well as monitor other telemetry on the platform, including input/output voltage, power dissipated, and temperature.



Features and Applications

Features

- 4 different LDO series to choose from, each with a range of voltage options
- Vin range from 1.1V to 5.5V
- Max load range from 150mA to 300mA
- Vout range from 0.6V to 5.3V
- Automotive options available

Applications

- DC-DC Power
- Battery Powered Devices
- Analog and RF
- Automotive