

**ON Semiconductor®**



Part Number: STR-NCV6356-EVK

**Description:** NCV6356, 5V Input, 5A, Adaptive-On-Time (AOT) Synchronous Buck Converter with I2C Programming Eval Kit



## Features and Applications

### Features

- Vin range from 2.5V to 5.5V
- Max load of 5A
- Programmable Vout from 0.6V to 1.4V in 6.25mV steps
- Adaptive-On-Time (AOT)
- Operation at up to 2.4MHz switching frequency
- Both PFM and PPWM operation with automatic transition
- 3.0 x 4.0 mm DFN-14 package
- Automotive and industrial rated

### Applications

- DC-DC Power
- Automotive
- Instrumentation