



300KHz, 3A Buck Converter

Features

- Voltage Mode Asynchronous PWM Control
- 3.3V, 5V and Adjustable Output Version
- Operation Voltage can be up to 20V
- Adjustable Version Output Voltage Range, 0.8V to 16V \pm 2%
- 300KHz Fixed Frequency Internal Oscillator
- Built-in Switching Transistor on Chip
- 3A Output Load Current
- Thermal Shutdown and Current Limit Protection
- ON/OFF Shutdown Control
- I_Q of Low Power Standby Mode 1 μ A
- Available in SOP-8 Packages

Applications

- Simple high-efficiency step-down regulator
- On-card switching regulators
- Positive to negative converter

General Description

Ordering Information

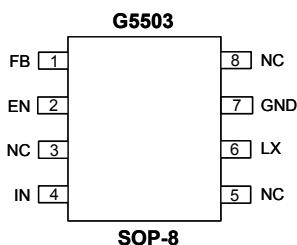
ORDER NUMBER	MARKING	VOLTAGE	TEMP. RANGE	PACKAGE (Pb free)
G5503-ADJP11U	5503A	Adjustable	-40°C~85°C	SOP-8
G5503-33P11U	5503B	3.3V	-40°C~85°C	SOP-8
G5503-50P11U	5503C	5.0V	-40°C~85°C	SOP-8

Note: P1: SOP-8

1: Bonding Code

U: Tape & Reel

Pin Configuration



Typical Application Circuit

