

Product Overview

LV5768V-A: Buck Regulator, Switching, 1-Channel

For complete documentation, see the data sheet.

The LV5768V-A is a 1-channel step-down switching regulator.

Features

- The soft start circuit which is no influenced by load.
- Droops when frequency FOLD BACK is negative.
- Built-in pulse-by-pulse OCP circuit. It is detected by using ON resistance of an external MOS.
- ON/OFF function (enable control)
- 1 channel step-down switching regulator controller of synchronization rectification method.

Benefits

- Stable operation of the power supply circuit.
- Overcurrent protection
- Overcurrent protection
- Enable control is possible outside

Part Electrical Specifications

Product	Compliance	Status	Topology	Phases	Control Mode	V _{CC} Min (V)	V _{CC} Max (V)	f _{SW} Typ (kHz)	Package Type
LV5768V-A-TLM-E	Pb-free	Active	Step-Down	1	Current Mode	8.5	42	80 - 500 220	SSOP-16

For more information please contact your local sales support at www.onsemi.com.

Created on: 2/21/2019