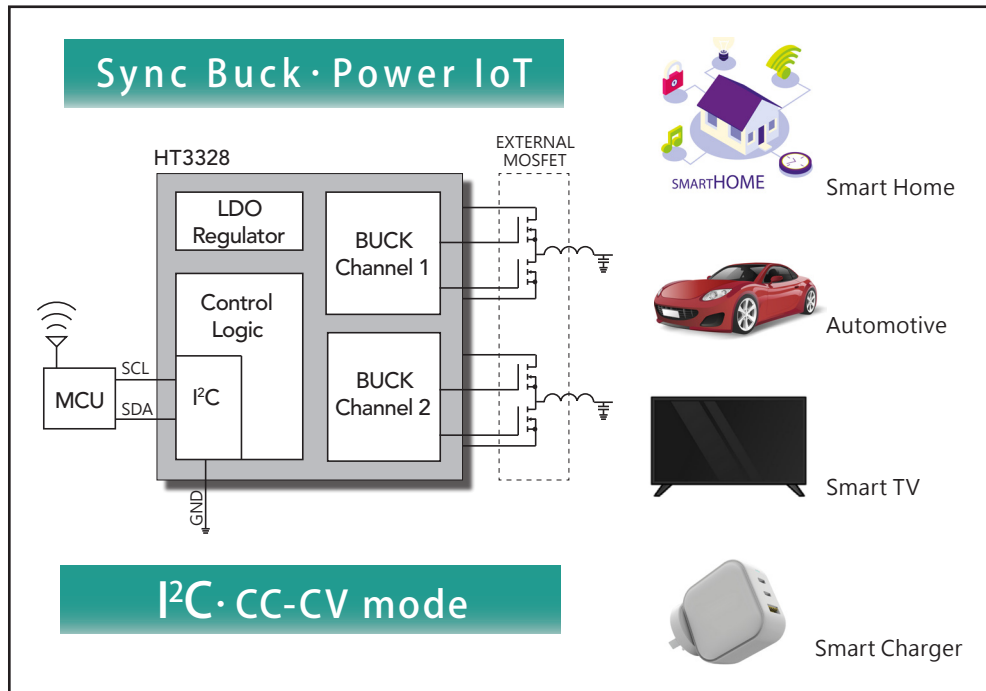


HT3000 Series - I²C Dual Buck DC-DC Controller

IoT and smart home system · External MOSFET



Application:

- IoT Smart Home System
- APP controllable DC Source
- Automotive ADAS system
- Automotive LED system
- CCTV system
- LCD TV / Monitors
- USB Type C/A Fast Charge
- Low EMI (Patent Pending)

Introduction

The HT3328 is a high-efficiency, dual-channel, Internet of Things (IoT) enabled, synchronous step-down switching controller, designed for high-power applications. It includes an I²C interface to connect to Bluetooth or Wi-Fi modules that allows the use of mobile applications to control ON/OFF, output voltage and current limit. Therefore, the HT3328 realizes remote power management of various IoT devices such as homes, office buildings, automobiles, and factories. The HT3328 has a wide input voltage range from 7V to 36V and provides a wide range of output. With appropriate MOSFETs on each channel it can provide up to 100W or higher output power. HT3328 has multi-protections such as UVLO, OVP, SCP and OTP.

Features

Dual Channels Buck DC-DC Controller

- Wide range of input voltage: 7V - 36V
- Dual channels with independent input/output
- Selectable frequency: 150/250/350kHz
- Support I²C and CC-CV mode
- Soft start
- QFN-32 package

Overview

IC	Frequency	MOSFET	I ² C	CC-CV
HT3328	150-350kHz	External	Yes	Yes

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Official Website:

<https://hightt.com>