

Product Overview

LV5683P: LDO Regulator, 4-Channel

For complete documentation, see the data sheet.

The LV5683P is a multi linear voltage regulator suitable for USB silicon tuner car-audio systems. This IC has 4 outputs, VDD5V(3.3V), AUDIO(8.5V), SWU(3.3V) and USB5V(CD 8V: available). About protection circuits, it has Over-current-protection, Over-voltage-protection and Thermal-shut-down. VCC1(SWU and USB supply) is independent terminal from VCC, and accepts lower voltage(ex. From DC/DC converter) which enables to reduce power dissipation.

Features

- 4 system regulator VDD5V(3.3V), AUDIO(8.5V), SWU(3.3V) and USB5V(CD 8V: available)
- Over-current-protection
- Over-voltage-protection: Typ 21 (except VDD)
- Thermal-shut-down Typ 175°C
- Applied Pch-LDMOS for output stages

Applications

- Automotive Audio and Infotainment System

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

Created on: 11/27/2020