

Product Overview

LV5680P: Linear Voltage Regulator, 4-Channel, with 2-High Side Switches, for Automotive Infotainment

For complete documentation, see the data sheet.

LV5680P is a multi-power supply system IC that provides four regulator outputs and four high side switches as well as a number of protection functions. Features include overcurrent protection, overvoltage protection and overheat protection. This is an optimal power supply IC for automotive audio, entertainment systems and similar products.

Features

- Four independent voltage regulated outputs. Can supply:
 - Microcontroller
 - CD drive
 - Illumination
 - Audio system
- Two V_{CC} -linked high-side switches for antenna and external loads
- Two V_{DD} (5.0 V)-linked high-side switches for SW5V and accessory loads
- Integrated overcurrent protection
- Integrated overvoltage (21 V typ) protection
- Integrated thermal protection (175°C typ)

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

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