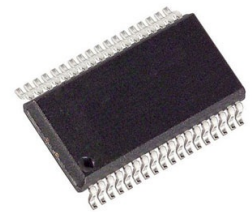


Door Zone and Body Control Modules 5.5V to 18V Automotive 36-Pin PowerSSO EP T/R



Images are for reference only

Manufacturer: [STMicroelectronics, Inc](#)

Package/Case: HSSOP36

Product Type: Power Management ICs

Lifecycle: Active

[Inquiry](#)

General Description

The L99PM62GXP is a power management system IC that provides electronic control units with enhanced system power supply functionality, including various standby modes, as well as LIN and HS CAN physical communication layers. The device's two low-drop voltage regulators supply the system microcontroller and external peripheral loads such as sensors and provide enhanced system standby functionality with programmable local and remote wake-up capability. In addition, five high-side drivers, two low-side drivers and two operational amplifiers increase the system integration level. The ST standard SPI interface (3.0) allows control and diagnosis of the device and enables generic software development.

Key Features

Two 5V voltage regulators for microcontroller and peripheral supply

No electrolytic capacitor required on regulator outputs

Ultra low quiescent current in standby modes

Programmable reset generator for power-on and undervoltage

Configurable window watchdog and fail safe output

LIN 2.1 compliant (SAEJ2602 compatible) transceiver

Advanced HS CAN transceiver (ISO 11898-2/-5 and SAE J2284 compliant) with local failure and bus failure diagnosis

HS CAN transceiver supports partial networking

Complete 3-channel contact monitoring interface with programmable cyclic sense functionality

Programmable periodic system wake-up feature

ST SPI interface for mode control and diagnosis

5 fully protected high-side drivers with internal 4-channel PWM generator

2 low-side drivers with active Zener clamping

4 internal PWM timers

2 operational amplifiers with rail-to-rail outputs (VS) and low voltage inputs

Temperature warning and thermal shutdown

Recommended For You

L9651

STMicroelectronics, Inc

HSOP20

L9678PTR

STMicroelectronics, Inc

LQFP-64

L9904

STMicroelectronics, Inc

SOP20

L9822EPD

STMicroelectronics, Inc

HSOP20

L9951

STMicroelectronics, Inc

HSSOP36

L9680TR

STMicroelectronics, Inc

LQFP100

L9949

STMicroelectronics, Inc

HSOP20

L9950

STMicroelectronics, Inc

HSSOP36

L9848

STMicroelectronics, Inc

SOP28

L9950XP

STMicroelectronics, Inc

SSOP36

L9952GXP

STMicroelectronics, Inc

SSOP36

L9733XP

STMicroelectronics, Inc

SSOP28

L9958SBTR

STMicroelectronics, Inc

SSOP16

L9651-TR

STMicroelectronics, Inc

HSOP20

L9374TRLF

STMicroelectronics, Inc

SSOP36