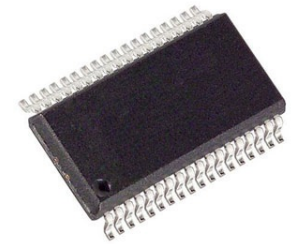


## Power Management IC -0.3V to 28V Automotive 36-Pin PowerSSO Tube



Images are for reference only

[Inquiry](#)

**Manufacturer:** [STMicroelectronics, Inc](#)

**Package/Case:** SSOP36

**Product Type:** Power Management ICs

**Lifecycle:** NRND

### General Description

The L99PM72PXP is a power management system IC providing electronic control units with enhanced system power supply functionality including various standby modes as well as LIN and HS CAN physical communication layers. It contains two low drop voltage regulators to supply the system microcontroller and external peripheral loads such as sensors and provides 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 5 V 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 high speed CAN transceiver (ISO 11898-2/-5 and SAE J2284 compliant) with local failure and bus failure diagnosis and selective wake-up functionality according to ISO 11898-6

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