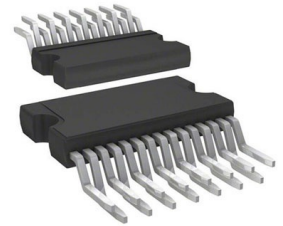


Multifunction Voltage Regulator 11V to 18V Automotive 15-Pin(15+Tab) MULTIWATT V Tube



Images are for reference only

[Inquiry](#)

Manufacturer: [STMicroelectronics, Inc](#)

Package/Case: ZIP15

Product Type: Power Management ICs

Lifecycle: Obsolete

General Description

The L4953G contains a triple voltage regulator and a power switch.

The IC includes a monitoring circuit to warn if a low voltage or no voltage condition is occurring.

In stand-by output is active as long as possible even when in thermal shutdown or any other fault conditions.

The STCAP pin allows the use of a reserve supply capacitor that will hold enough energy for the 5V Stand-by line to allow the μ P to store data.

Key Features

REVERSE BATTERY AND LOAD DUMP PROTECTION

IGNITION COMPARATOR

3 OUTPUTS: 9.2V (500mA); 5V (1A); 5V (100mA) STANDBY

2A HIGH SIDE DRIVER WITH CLAMPED OUTPUT (16V)

OUT1 (9.2V) AND OUT2 (5V) WITH INDEPENDENT ENABLE CONTROL FOR STANDBY MODE

RESET FUNCTION

THERMAL SHUTDOWN

LOGIC OUTPUT FOR: SUPPLY UNDERVOLTAGE (LVW) OVERVOLTAGE (FAULT) THERMAL PROTECTION (FAULT)

Recommended For You

TL431CDT

STMicroelectronics, Inc

SOP8

L4974A

STMicroelectronics, Inc

DIP20

L4941BV

STMicroelectronics, Inc

TO220

L4995JTR

STMicroelectronics, Inc
HSSOP12

L4981AD

STMicroelectronics, Inc
SOP20

L4981AD013TR

STMicroelectronics, Inc
SOP20

L4981BD

STMicroelectronics, Inc
SOP20

L4931ABD33-TR

STMicroelectronics, Inc
SOP-8

L4978

STMicroelectronics, Inc
DIP8

L4979MD013TR

STMicroelectronics, Inc
SOP-20

TL431ACZ-AP

STMicroelectronics, Inc
TO-92

L4984D

STMicroelectronics, Inc
SSOP10

TL431ACZ

STMicroelectronics, Inc
TO-92

TL431AIZ

STMicroelectronics, Inc
TO-92

TL431CL3T

STMicroelectronics, Inc
SOT23