


Dual Half Bridge Motor Driver 20-Pin SO Tube

Manufacturer:	STMicroelectronics, Inc
Package/Case:	SOP20
Product Type:	Driver ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	NRND



Images are for reference only

[Inquiry](#)

General Description

The L9997ND is a monolithic integrated driver, in BCD technology intended to drive various loads, including DC motors. The circuit is optimized for automotive electronics environmental conditions.

Key Features

- OUTPUT SHORT-CIRCUIT PROTECTION
- CMOS COMPATIBLE INPUTS WITH HYSTERESIS
- REAL TIME DIAGNOSTIC: THERMAL OVERLOAD, OVERVOLTAGE
- HALF BRIDGE OUTPUTS WITH TYPICAL RON = 0.7
- OPERATING SUPPLY VOLTAGE RANGE 7V TO 16.5V
- OUTPUT CURRENT CAPABILITY ±1.2A
- VERY LOW QUIESCENT CURRENT IN STANDBY MODE
- THERMAL SHUTDOWN
- SUPPLY OVERVOLTAGE PROTECTION FUNCTION FOR VVS UP TO 40V

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

L9374IRLF

STMicroelectronics, Inc
SSOP36