



STMicroelectronics

## L9960

Part Number:	L9960
Manufacturer/Brand:	STMicroelectronics
Product description:	IC HALF-BRIDGE DRVR SPI PWRSSO36
Datasheets:	<a href="#">L9960.pdf</a>
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

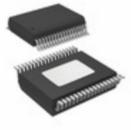
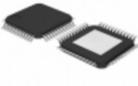
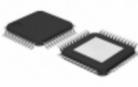
### Specifications of L9960

PART NUMBER	L9960
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC HALF-BRIDGE DRVR SPI PWRSSO36
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">L9960.pdf</a>
VOLTAGE - SUPPLY	4.5 V ~ 5.5 V
VOLTAGE - LOAD	4.5 V ~ 28 V
TECHNOLOGY	Power MOSFET
SUPPLIER DEVICE PACKAGE	PowerSSO-36
SERIES	Automotive, AEC-Q100
RDS ON (TYP)	400 mOhm LS + HS
PACKAGING	Tube
PACKAGE / CASE	36-PowerFSOP (0.295", 7.50mm Width)
OUTPUT CONFIGURATION	Half Bridge (2)
OTHER NAMES	497-17608 L9960-ND
OPERATING TEMPERATURE	-40°C ~ 170°C (TJ)
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	42 Weeks
LOAD TYPE	Inductive, Capacitive, Resistive
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
INTERFACE	SPI
FEATURES	Slew Rate Controlled
FAULT PROTECTION	Over Temperature, Short Circuit
DETAILED DESCRIPTION	Half Bridge (2) Driver General Purpose Power MOSFET PowerSSO-36
CURRENT - PEAK OUTPUT	-
CURRENT - OUTPUT / CHANNEL	-
APPLICATIONS	General Purpose

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