



STMicroelectronics




Image may be representation. See specifications for product details.

L6390D

Part Number:	L6390D
Manufacturer/Brand:	STMicroelectronics
Product description	IC DRIVER HV HI/LOW SIDE 16SO
Datasheets:	 L6390D.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of L6390D

PART NUMBER	L6390D
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC DRIVER HV HI/LOW SIDE 16SO
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 L6390D.pdf
VOLTAGE - SUPPLY	12.5 V ~ 20 V
SUPPLIER DEVICE PACKAGE	16-SO
SERIES	-
RISE / FALL TIME (TYP)	75ns, 35ns
PACKAGING	Tube
PACKAGE / CASE	16-SOIC (0.154", 3.90mm Width)
OTHER NAMES	497-14774-5 L6390D-ND
OPERATING TEMPERATURE	-40°C ~ 150°C (TJ)
NUMBER OF DRIVERS	2
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	20 Weeks
LOGIC VOLTAGE - VIL, VIH	1.1V, 1.9V
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
INPUT TYPE	Non-Inverting
HIGH SIDE VOLTAGE - MAX (BOOTSTRAP)	600V
GATE TYPE	IGBT, N-Channel MOSFET
DRIVEN CONFIGURATION	Half-Bridge
DETAILED DESCRIPTION	Half-Bridge Gate Driver IC Non-Inverting 16-SO
CURRENT - PEAK OUTPUT (SOURCE, SINK)	290mA, 430mA
CHANNEL TYPE	Independent
BASE PART NUMBER	L6390

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