



ISL6594ACR

Part Number:	ISL6594ACR
Manufacturer/Brand:	Intersil
Product description	IC MOSFET DRVR SYNC BUCK 10-DFN
Datasheets:	 ISL6594ACR.pdf
RoHs Status	 Contains lead / RoHS non-compliant
Stock Condition	2877 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of ISL6594ACR

PART NUMBER	ISL6594ACR
MANUFACTURER	Intersil
DESCRIPTION	IC MOSFET DRVR SYNC BUCK 10-DFN
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
QUANTITY AVAILABLE	2877 pcs
DATA SHEET	 ISL6594ACR.pdf
VOLTAGE - SUPPLY	10.8 V ~ 13.2 V
SUPPLIER DEVICE PACKAGE	10-DFN (3x3)
SERIES	-
RISE / FALL TIME (TYP)	26ns, 18ns
PACKAGING	Tube
PACKAGE / CASE	10-VFDFN Exposed Pad
OPERATING TEMPERATURE	0°C ~ 125°C (TJ)
NUMBER OF DRIVERS	2
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LOGIC VOLTAGE - VIL, VIH	-
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
INPUT TYPE	Non-Inverting
HIGH SIDE VOLTAGE - MAX (BOOTSTRAP)	36V
GATE TYPE	N-Channel MOSFET
DRIVEN CONFIGURATION	Half-Bridge
DETAILED DESCRIPTION	Half-Bridge Gate Driver IC Non-Inverting 10-DFN (3x3)
CURRENT - PEAK OUTPUT (SOURCE, SINK)	1.25A, 2A
CHANNEL TYPE	Synchronous
BASE PART NUMBER	ISL6594

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