



1SC0450V2A0-45

Part Number:	1SC0450V2A0-45
Manufacturer/Brand:	Power Integrations
Product description	IC SINGLE GATE DRIVER 50A
Datasheets:	 1SC0450V2A0-45.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	444 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

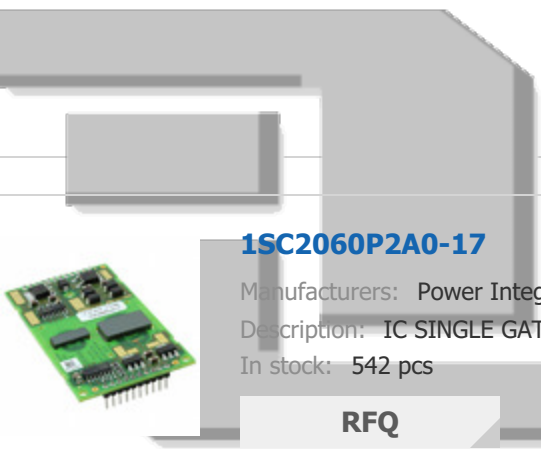
Specifications of 1SC0450V2A0-45

PART NUMBER	1SC0450V2A0-45
MANUFACTURER	Power Integrations
DESCRIPTION	IC SINGLE GATE DRIVER 50A
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	444 pcs
DATA SHEET	 1SC0450V2A0-45.pdf
VOLTAGE - SUPPLY	14.5 V ~ 15.5 V
SUPPLIER DEVICE PACKAGE	Module
SERIES	SCALE™-2
RISE / FALL TIME (TYP)	30ns, 25ns
PACKAGING	Tray
PACKAGE / CASE	Module
OTHER NAMES	1810-1002
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF DRIVERS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LOGIC VOLTAGE - VIL, VIH	-
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
INPUT TYPE	-
HIGH SIDE VOLTAGE - MAX (BOOTSTRAP)	4500V
GATE TYPE	IGBT
DRIVEN CONFIGURATION	High-Side or Low-Side
DETAILED DESCRIPTION	High-Side or Low-Side Gate Driver IC Module
CURRENT - PEAK OUTPUT (SOURCE, SINK)	50A, 50A
CHANNEL TYPE	Single

Related Tags

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 1SC0450E2B0-45 Manufacturers: Power Integrations Description: GATE DRIVER CORE SCALE-2 4500V In stock: 735 pcs RFQ	 1SC0450V2B0-45 Manufacturers: Power Integrations Description: GATE DRIVER CORE SCALE-2 4500V In stock: 775 pcs RFQ
 LTC7000MPMSE#PBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC GATE DRVR N-CH MOSFET 16MSOP In stock: 9505 pcs RFQ	 1SC0450E2A0-45 Manufacturers: Power Integrations Description: IC SINGLE GATE DRIVER 50A In stock: 580 pcs RFQ
 1SC0450V2B0-65 Manufacturers: Power Integrations Description: GATE DRIVER CORE SCALE-2 6500V In stock: 688 pcs RFQ	 UC3707NG4 Manufacturers: N/A Description: IC COMPLEMENT PWR DRIVER 16-DIP In stock: 12534 pcs RFQ
 1SC0450E2B0-65 Manufacturers: Power Integrations Description: GATE DRIVER CORE SCALE-2 6500V In stock: 608 pcs RFQ	 1SC2060P2A0-17 Manufacturers: Power Integrations Description: IC SINGLE GATE DRIVER 60A In stock: 542 pcs RFQ
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