

1SC0450E2B0-45



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Part Number: 1SC0450E2B0-45

Manufacturer: Power Integrations

Description: GATE DRIVER CORE SCALE-2 4500V

Data sheet:

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

PRODUCT PARAMETER			
Part Number	1SC0450E2B0-45	Manufacturer	Power Integrations
Description	GATE DRIVER CORE SCALE-2 4500V	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	793 pcs	Data sheet	
Category	Integrated Circuits (ICs)	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	1810-1077
Operating Temperature	-40°C ~ 85°C (TA)	Number of Drivers	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	16 Weeks	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
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	Part#: UCC27523DGN Description: IC GATE DVR LO-SIDE DL 5A 8MSOP	Manufacturers: N/A	RFQ
	Part#: UCC27511DBVT Description: IC GATE DVR LOW SIDE 1CH SOT23-6	Manufacturers: N/A	RFQ
	Part#: ISL6612IRZ-TR5238 Description: IC MOSFET DRVR SYNC BUCK 10-DFN	Manufacturers: Intersil	RFQ
	Part#: IXDN630MY1 Description: IC GATE DRIVER LOW SIDE 5TO263	Manufacturers: IXYS Integrated Circuits Division	RFQ
	Part#: IXBD4411PI Description: IC HIGH SIDE DRIVER 16DIP	Manufacturers: IXYS Corporation	RFQ
	Part#: 1SC2060P2A0-17 Description: IC SINGLE GATE DRIVER 60A	Manufacturers: Power Integrations	RFQ
	Part#: IXDI614PI Description: 14A 8 PIN DIP INVERTING	Manufacturers: IXYS Integrated Circuits Division	RFQ
	Part#: IR2137Q Description: IC DRIVER BRIDGE 3-PHASE 64-MQFP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: ISL6613IB-T Description: IC MOSFET DRVR SYNC BUCK 8-SOIC	Manufacturers: Intersil	RFQ
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