

1SC0450E2A0-45





Part Number: 1SC0450E2A0-45

Manufacturer Power Integrations

Description IC SINGLE GATE DRIVER 50A

Data sheet:  1SC0450E2A0-45,65

RoHs Status: Lead free / RoHS Compliant

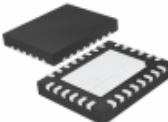
Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	1SC0450E2A0-45	Manufacturer	Power Integrations
Description	IC SINGLE GATE DRIVER 50A	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	671 pcs	Data sheet	1SC0450E2A0-45,65
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	1810-1004
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		
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	Part#: MIC4607-1YML-T5 Description: IC MOSFET DVR 85V DUAL TTL 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: 1SC0450V2A0-45 Description: IC SINGLE GATE DRIVER 50A	Manufacturers: Power Integrations	RFQ
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