

1SC0450E2A0-65



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Part Number: 1SC0450E2A0-65

Manufacturer: Power Integrations

Description: IC SINGLE GATE DRIVER 50A

Data sheet:  1SC0450E2A0-45,65

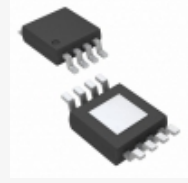
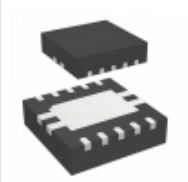
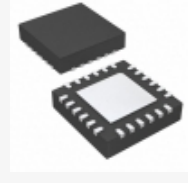
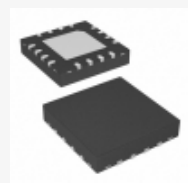
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

PRODUCT PARAMETER			
Part Number	1SC0450E2A0-65	Manufacturer	Power Integrations
Description	IC SINGLE GATE DRIVER 50A	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	760 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	1810-1005
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)	6500V	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#: 1SC2060P2A0-17 Description: IC SINGLE GATE DRIVER 60A	Manufacturers: Power Integrations	RFQ
	Part#: TC4452VMF Description: IC MOSFET DVR 12A HS 8DFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: 1SC0450V2A0-45 Description: IC SINGLE GATE DRIVER 50A	Manufacturers: Power Integrations	RFQ
	Part#: DGD21904S14-13 Description: IC GATE DRVR HALF-BRIDGE 14SO	Manufacturers: Diodes Incorporated	RFQ
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	Part#: 1SC0450V2A0-65 Description: IC SINGLE GATE DRIVER 50A	Manufacturers: Power Integrations	RFQ
	Part#: MIC4428YM Description: IC DRIVER MOSFET 1.5A DUAL 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ISL6614IRZR5238 Description: IC DRVR DUAL SYNC BUCK 16-QFN	Manufacturers: Intersil	RFQ
	Part#: 1SC0450E2B0-65 Description: GATE DRIVER CORE SCALE-2 6500V	Manufacturers: Power Integrations	RFQ
	Part#: 1SC0450V2B0-65 Description: GATE DRIVER CORE SCALE-2 6500V	Manufacturers: Power Integrations	RFQ
	Part#: 1SC0450E2A0-45 Description: IC SINGLE GATE DRIVER 50A	Manufacturers: Power Integrations	RFQ
	Part#: 1SC0450E2B0-45 Description: GATE DRIVER CORE SCALE-2 4500V	Manufacturers: Power Integrations	RFQ

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