

1SC0450E2B0-65



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Part Number: 1SC0450E2B0-65

Manufacturer: Power Integrations

Description: GATE DRIVER CORE SCALE-2 6500V

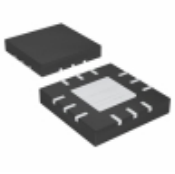
Data sheet:

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

PRODUCT PARAMETER			
Part Number	1SC0450E2B0-65	Manufacturer	Power Integrations
Description	GATE DRIVER CORE SCALE-2 6500V	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	620 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	1810-1078
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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RELATED PRODUCTS			
	Part#: IR2102STRPBF Description: IC DRIVER HIGH/LOW SIDE 8-SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: 1SC0450E2B0-45 Description: GATE DRIVER CORE SCALE-2 4500V	Manufacturers: Power Integrations	RFQ
	Part#: IR2233JPBF Description: IC DRIVER BRIDGE 3PHASE 44PLCC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: LM5112Q1SD/NOPB Description: IC MOSFET GATE DVR TINY 7A 6WSON	Manufacturers: N/A	RFQ
	Part#: 1SC0450V2A0-65 Description: IC SINGLE GATE DRIVER 50A	Manufacturers: Power Integrations	RFQ
	Part#: MAX5064AATC Description: IC MOSFET DRIVER 12-TQFN	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX15012DASA+ Description: IC HALF-BRIDGE MOSFET DVR 8-SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: BD16952EFV-ME2 Description: 2CH HALF-BRIDGE GATE DRIVER	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: L6386D Description: IC DRIVER HIGH/LOW SIDE 14-SOIC	Manufacturers: STMicroelectronics	RFQ
	Part#: LTC7004EMSE#PBF Description: IC GATE DRVR HIGH-SIDE 10MSOP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: 1SC0450E2A0-45 Description: IC SINGLE GATE DRIVER 50A	Manufacturers: Power Integrations	RFQ
	Part#: 1SC0450E2A0-65 Description: IC SINGLE GATE DRIVER 50A	Manufacturers: Power Integrations	RFQ
	Part#: 1SC0450V2A0-45 Description: IC SINGLE GATE DRIVER 50A	Manufacturers: Power Integrations	RFQ
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	Part#: IR21364JTRPBF Description: IC DRIVER BRIDGE 3PHASE 44-PLCC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: 1SC0450V2B0-45 Description: GATE DRIVER CORE SCALE-2 4500V	Manufacturers: Power Integrations	RFQ
	Part#: TC1412NEUA Description: IC MOSFET DRIVER 2A HS 8MSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: 1SC0450V2B0-65 Description: GATE DRIVER CORE SCALE-2 6500V	Manufacturers: Power Integrations	RFQ
	Part#: 1SC2060P2A0-17 Description: IC SINGLE GATE DRIVER 60A	Manufacturers: Power Integrations	RFQ

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