

DRV8305NQPHPQ1



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Part Number: [DRV8305NQPHPQ1](#)

Manufacturer: [N/A](#)

Description: [IC GATE DRIVER 3PHASE 48HTQFP](#)

Data sheet:

RoHs Status: [Lead free / RoHS Compliant](#)

Ship From: [Hong Kong](#)

Shipment Way: [DHL/Fedex/TNT/UPS/EMS](#)

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PRODUCT PARAMETER			
Part Number	DRV8305NQPHPQ1	Manufacturer	N/A
Description	IC GATE DRIVER 3PHASE 48HTQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	23878 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply	4.4 V ~ 45 V
Voltage - Load	-	Technology	Power MOSFET
Supplier Device Package	48-HTQFP (7x7)	Step Resolution	-
Series	Automotive, AEC-Q100	Packaging	Tray
Package / Case	48-TQFP Exposed Pad	Output Configuration	Pre-Driver - Half Bridge (3)
Other Names	296-48533 296-48533-2 296-48533-2-ND DRV8305NQPHPQ1-ND	Operating Temperature	-40°C ~ 125°C (TA)
Mounting Type	Surface Mount	Motor Type - Stepper	Multiphase
Motor Type - AC, DC	-	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	12 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Interface	PWM, SPI	Function	Controller - Commutation, Direction Management
Detailed Description	Multiphase Motor Driver Power MOSFET PWM, SPI 48-HTQFP (7x7)	Current - Output	-
Applications	Three-Phase BLDC, PMSM Motors		
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RELATED PRODUCTS			
	Part#: DRV83053QPHPQ1 Description: IC GATE DRIVER 3PHASE 48HTQFP	Manufacturers: N/A	RFQ
	Part#: DRV8306HRSMR Description: 38V BLDC MOTOR CONTROLLER	Manufacturers: N/A	RFQ
	Part#: DRV8305NEPHPRQ1 Description: IC GATE DRIVER 3-PHASE	Manufacturers: N/A	RFQ
	Part#: DRV8308RHAT Description: IC MOTOR CONTROLLER SPI 40VQFN	Manufacturers: N/A	RFQ
	Part#: DRV8308EVM Description: MOD EVAL DRV8308 PREDRIVER	Manufacturers: N/A	RFQ
	Part#: DRV83055QPHPRQ1 Description: IC GATE DRIVER 3-PHASE	Manufacturers: N/A	RFQ
	Part#: DRV8305NEPHQ1 Description: IC GATE DRIVER 3PHASE 48HTQFP	Manufacturers: N/A	RFQ
	Part#: DRV83053QPHPRQ1 Description: IC GATE DRIVER 3-PHASE	Manufacturers: N/A	RFQ
	Part#: DRV8307EVM Description: EVAL BOARD MOTOR DRIVER DRV8307	Manufacturers: N/A	RFQ
	Part#: DRV8305NQPHPRQ1 Description: IC GATE DRIVER 3-PHASE	Manufacturers: N/A	RFQ
	Part#: DRV8307RHAR Description: IC MOTOR CONTROLLER PAR 40VQFN	Manufacturers: N/A	RFQ
	Part#: DRV8305NPHP Description: IC GATE DRIVER 3PHASE 48HTQFP	Manufacturers: N/A	RFQ
	Part#: DRV8305NPHPR Description: IC GATE DRIVER 3PHASE 48HTQFP	Manufacturers: N/A	RFQ
	Part#: DRV8308RHAR Description: IC MOTOR CONTROLLER SPI 40VQFN	Manufacturers: N/A	RFQ
	Part#: DRV83055PHP Description: IC GATE DRIVER 3PHASE 48HTQFP	Manufacturers: N/A	RFQ
	Part#: DRV83055PHPR Description: IC GATE DRIVER 3PHASE 48HTQFP	Manufacturers: N/A	RFQ
	Part#: DRV8312-69M-KIT Description: KIT EVAL MOTOR CTRL FOR DRV8312	Manufacturers: N/A	RFQ
	Part#: DRV83055QPHPQ1 Description: IC GATE DRIVER 3PHASE 48HTQFP	Manufacturers: N/A	RFQ
	Part#: DRV8312-430FR-KIT Description: KIT DEV DRV8312-430FR	Manufacturers: N/A	RFQ
	Part#: DRV8307RHAT Description: IC MOTOR CONTROLLER PAR 40VQFN	Manufacturers: N/A	RFQ

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