

AUIRS2003S



Part Number: [AUIRS2003S](#)

Manufacturer: [International Rectifier \(Infineon Technologies\)](#)

Description: IC DRVIER HALF-BRIDGE 8SOIC

Data sheet:  [AUIRS2003S](#)

RoHs Status: Lead free / RoHS Compliant

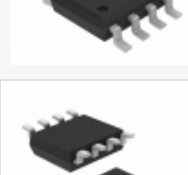
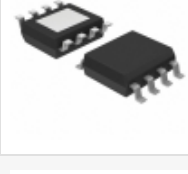
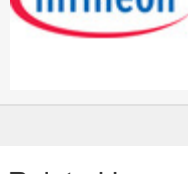
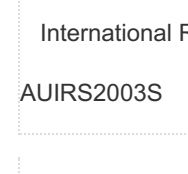
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Request For Quotation

PRODUCT PARAMETER			
Part Number	AUIRS2003S	Manufacturer	International Rectifier (Infineon Technologies)
Description	IC DRVIER HALF-BRIDGE 8SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4795 pcs	Data sheet	AUIRS2003S
Category	Integrated Circuits (ICs)	Voltage - Supply	10 V ~ 20 V
Supplier Device Package	8-SOIC	Series	Automotive, AEC-Q100
Rise / Fall Time (Typ)	70ns, 35ns	Packaging	Tube
Package / Case	8-SOIC (0.154", 3.90mm Width)	Other Names	SP001514376
Operating Temperature	-40°C ~ 150°C (TJ)	Number of Drivers	2
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Logic Voltage - VIL, VIH	0.8V, 2.5V	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Type	Inverting, Non-Inverting	High Side Voltage - Max (Bootstrap)	200V
Gate Type	IGBT, N-Channel MOSFET	Driven Configuration	Half-Bridge
Detailed Description	Half-Bridge Gate Driver IC Inverting, Non-Inverting 8-SOIC	Current - Peak Output (Source, Sink)	290mA, 600mA
Channel Type	Independent	Base Part Number	AUIRS2003S
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RELATED PRODUCTS			
	Part#: AUIRLU3110Z Description: MOSFET N-CH 100V 63A IPAK	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: AUIRS2092STR Description: IC AMP AUDIO 500W D 16SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: AUIRLU3114Z Description: MOSFET NCH 40V 130A IPAK	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: AUIRS20302S Description: IC GATE DRIVE AUTOMOTIVE 28SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: AUIRS2012STR Description: IC DRIVER HIGH/LOW SIDE 8SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: AUIRLZ44Z Description: MOSFET N-CH 55V 51A TO-220AB	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: AUIRS20162STR Description: IC GATE DRVR HIGH SIDE 8SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: AUIRS20161S Description: IC DRVR IGBT/MOSFET 8SOIC	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: AUIRLZ44ZS Description: MOSFET N-CH 55V 51A D2PAK	Manufacturers: International Rectifier (Infineon Technologies)	RFQ

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