



International Rectifier (Infineon Technologies)

Technologies)



Image may be representation. See specifications for product details.

AUIRS2012STR

Part Number:	AUIRS2012STR
Manufacturer/Brand:	International Rectifier (Infineon Technologies)
Product description	IC DRIVER HIGH/LOW SIDE 8SOIC
Datasheets:	 AUIRS2012STR.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	38708 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of AUIRS2012STR

PART NUMBER	AUIRS2012STR
MANUFACTURER	International Rectifier (Infineon Technologies)
DESCRIPTION	IC DRIVER HIGH/LOW SIDE 8SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	38708 pcs
DATA SHEET	 AUIRS2012STR.pdf
VOLTAGE - SUPPLY	10 V ~ 20 V
SUPPLIER DEVICE PACKAGE	8-SOIC
SERIES	Automotive, AEC-Q100
RISE / FALL TIME (TYP)	22ns, 15ns
PACKAGING	Cut Tape (CT)
PACKAGE / CASE	8-SOIC (0.154", 3.90mm Width)
OTHER NAMES	AUIRS2012SCT
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF DRIVERS	2
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LOGIC VOLTAGE - VIL, VIH	0.7V, 2.5V
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
INPUT TYPE	Non-Inverting
HIGH SIDE VOLTAGE - MAX (BOOTSTRAP)	200V
GATE TYPE	N-Channel MOSFET
DRIVEN CONFIGURATION	Half-Bridge
DETAILED DESCRIPTION	Half-Bridge Gate Driver IC Non-Inverting 8-SOIC
CURRENT - PEAK OUTPUT (SOURCE, SINK)	2A, 2A
CHANNEL TYPE	Independent

Related Tags

International Rectifier (Infineon Technologies) AUIRS2012STR	AUIRS2012STR Distributor	AUIRS2012STR Supplier
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Related Products

 AUIRS20161S Manufacturers: International Rectifier (Infineon Technologies) Description: IC DRVR IGBT/MOSFET 8SOIC In stock: 2977 pcs RFQ	 AUIRS20302STR Manufacturers: International Rectifier (Infineon Technologies) Description: IC GATE DRIVE AUTOMOTIVE 28SOIC In stock: 21149 pcs RFQ
 AUIRS2004S Manufacturers: International Rectifier (Infineon Technologies) Description: IC DRVIER HALF-BRIDGE 8SOIC In stock: 5827 pcs RFQ	 AUIRLZ44ZL Manufacturers: International Rectifier (Infineon Technologies) Description: MOSFET N-CH 55V 51A TO-262 In stock: 4606 pcs RFQ
 AUIRS20162STR Manufacturers: International Rectifier (Infineon Technologies) Description: IC GATE DRVR HIGH SIDE 8SOIC In stock: 62540 pcs RFQ	 AUIRS2092S Manufacturers: International Rectifier (Infineon Technologies) Description: IC AMP AUDIO 500W D 16SOIC In stock: 5941 pcs RFQ
 AUIRS2003S Manufacturers: International Rectifier (Infineon Technologies) Description: IC DRVIER HALF-BRIDGE 8SOIC In stock: 6749 pcs RFQ	 AUIRS1170STR Manufacturers: International Rectifier (Infineon Technologies) Description: IC GATE DRIVER 200V 8SOIC In stock: 73774 pcs RFQ
 AUIRLZ44ZS Manufacturers: International Rectifier (Infineon Technologies) Description: MOSFET N-CH 55V 51A D2PAK In stock: 6044 pcs RFQ	 AUIRS20302S Manufacturers: International Rectifier (Infineon Technologies) Description: IC GATE DRIVE AUTOMOTIVE 28SOIC In stock: 3660 pcs RFQ
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