



### IXS839S1

Part Number: **IXS839S1**  
 Product Description: IC MOSFET DRIVER SYNC BUCK 8SOIC  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [IXS839S1.pdf](#)

Manufacturer/Brand: IXYS Corporation  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Image may be representation.  
 See specifications for product details.

#### Product details

<b>Part Number</b>	IXS839S1	<b>Manufacturer</b>	IXYS Corporation
<b>Description</b>	IC MOSFET DRIVER SYNC BUCK 8SOIC	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	IXS839S1.pdf		
<b>Voltage - Supply</b>	4.5 V ~ 5.5 V	<b>Supplier Device Package</b>	8-SOIC
<b>Series</b>	-	<b>Rise / Fall Time (Typ)</b>	20ns, 15ns
<b>Packaging</b>	Tube	<b>Package / Case</b>	8-SOIC (0.154", 3.90mm Width)
<b>Operating Temperature</b>	-40°C ~ 125°C (TJ)	<b>Number of Drivers</b>	2
<b>Mounting Type</b>	Surface Mount	<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Logic Voltage - VIL, VIH</b>	0.8V, 2V	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Input Type</b>	Non-Inverting	<b>High Side Voltage - Max (Bootstrap)</b>	24V
<b>Gate Type</b>	N-Channel MOSFET	<b>Driven Configuration</b>	Half-Bridge
<b>Detailed Description</b>	Half-Bridge Gate Driver IC Non-Inverting 8-SOIC	<b>Current - Peak Output (Source, Sink)</b>	2A, 4A
<b>Channel Type</b>	Synchronous	<b>Base Part Number</b>	IXS839

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