

ISL78420ARTBZ-T



Part Number: [ISL78420ARTBZ-T](#)

Manufacturer: [Intersil](#)

Description: IC DRV R HALF BRIDGE 9DFN

Data sheet:  [ISL78420](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	ISL78420ARTBZ-T	Manufacturer	Intersil
Description	IC DRV R HALF BRIDGE 9DFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5016 pcs	Data sheet	ISL78420
Category	Integrated Circuits (ICs)	Voltage - Supply	8 V ~ 14 V
Supplier Device Package	9-TDFN (4x4)	Series	Automotive, AEC-Q100
Rise / Fall Time (Typ)	10ns, 10ns	Packaging	Tape & Reel (TR)
Package / Case	9-WDFN Exposed Pad	Other Names	ISL78420ARTBZ-T-ND ISL78420ARTBZ-TTR
Operating Temperature	-55°C ~ 150°C (TJ)	Number of Drivers	2
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Logic Voltage - VIL, VIH	1.8V, 4V	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Type	Non-Inverting	High Side Voltage - Max (Bootstrap)	114V
Gate Type	N-Channel MOSFET	Driven Configuration	Half-Bridge
Detailed Description	Half-Bridge Gate Driver IC Non-Inverting 9-TDFN (4x4)	Current - Peak Output (Source, Sink)	2A, 2A
Channel Type	Synchronous	Base Part Number	ISL78420A
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	Part#: ISL78420AVEZ Description: IC DRV R HALF BRIDGE 10DFN	Manufacturers: Intersil	RFQ
	Part#: ISL78420AVEZ-T7A Description: IC DRV R HALF BRIDGE 10DFN	Manufacturers: Intersil	RFQ
	Part#: ISL78420ARTAZ Description: IC DRV R HALF BRIDGE 10DFN	Manufacturers: Intersil	RFQ
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	Part#: ISL78420AVEZ-T Description: IC DRV R HALF BRIDGE 10DFN	Manufacturers: Intersil	RFQ
	Part#: ISL78322ARZ-T Description: IC REG BUCK ADJ 2A/1.7A DL 12DFN	Manufacturers: Intersil	RFQ
	Part#: ISL78610ANZ Description: IC BATT MON MULTI-CHEM 64TQFP	Manufacturers: Intersil	RFQ
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