

ISL6445IAZ



Part Number: [ISL6445IAZ](#)

Manufacturer: [Intersil](#)

Description: IC REG CTRLR BUCK 24QSOP

Data sheet:  [ISL6445](#)

RoHs Status: Lead free / RoHS Compliant

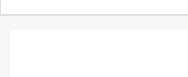
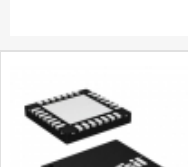
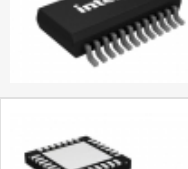
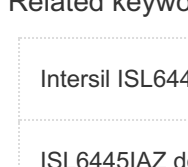
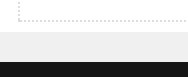
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PRODUCT PARAMETER			
Part Number	ISL6445IAZ	Manufacturer	Intersil
Description	IC REG CTRLR BUCK 24QSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5699 pcs	Data sheet	ISL6445
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	5.6 V ~ 24 V
Topology	Buck	Synchronous Rectifier	Yes
Supplier Device Package	24-QSOP	Series	-
Serial Interfaces	-	Packaging	Tube
Package / Case	24-SSOP (0.154", 3.90mm Width)	Output Type	Transistor Driver
Output Phases	2	Output Configuration	Positive
Operating Temperature	-40°C ~ 85°C (TA)	Number of Outputs	2
Moisture Sensitivity Level (MSL)	2 (1 Year)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Down	Frequency - Switching	1.4MHz
Duty Cycle (Max)	73%	Detailed Description	Buck Regulator Positive Output Step-Down DC-DC Controller IC 24-QSOP
Control Features	Enable, Phase Control, Power Good, Soft Start	Clock Sync	No
Base Part Number	ISL6445		
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RELATED PRODUCTS			
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	Part#: ISL6446AIAZ Description: IC REG TRPL BUCK/LINEAR 24QSOP	Manufacturers: Intersil	RFQ
	Part#: ISL6446ADEMO1Z Description: DEMO BOARD ISL6446A 24QSOP	Manufacturers: Intersil	RFQ
	Part#: ISL6444CA-T Description: IC CONTROLLER DDR 28-QSOP	Manufacturers: Intersil	RFQ
	Part#: ISL6446IAZ-T7A Description: IC REG TRPL BUCK/LINEAR 24QSOP	Manufacturers: Intersil	RFQ
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	Part#: ISL6443IRZ Description: IC CTRLR SGL/STEP DOWN PWM 28QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6446IAZ-TK Description: IC REG TRPL BUCK/LINEAR 24QSOP	Manufacturers: Intersil	RFQ
	Part#: ISL6446IAZ-T7 Description: IC REG TRPL BUCK/LINEAR 24QSOP	Manufacturers: Intersil	RFQ
	Part#: ISL6443IR-TK Description: IC CTRLR PWM DUAL 300KHZ 28-QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6446IAZ-T Description: IC REG TRPL BUCK/LINEAR 24QSOP	Manufacturers: Intersil	RFQ
	Part#: ISL6446AIAZ-TK Description: IC REG TRPL BUCK/LINEAR 24QSOP	Manufacturers: Intersil	RFQ
	Part#: ISL6443IRZ-TK Description: IC CTRLR PWM DUAL 300KHZ 28-QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6443IRZ-T Description: IC CTRLR PWM DUAL 300KHZ 28-QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6445IAZ-TK Description: IC REG CTRLR BUCK 24QSOP	Manufacturers: Intersil	RFQ
	Part#: ISL6446IAZ Description: IC REG TRPL BUCK/LINEAR 24QSOP	Manufacturers: Intersil	RFQ
	Part#: ISL6455AEVAL1Z Description: EVALUATION BOARD FOR ISL6455A	Manufacturers: Intersil	RFQ

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