

ISL6442IAZ



Part Number: [ISL6442IAZ](#)

Manufacturer: [Intersil](#)

Description: IC REG TRPL BCK/LINEAR 24QSOP

Data sheet:  [ISL6442](#)

RoHs Status: Lead free / RoHS Compliant

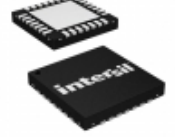
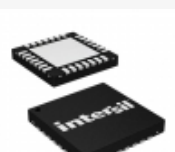
Ship From: Hong Kong

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

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PRODUCT PARAMETER				
Part Number	ISL6442IAZ	Manufacturer	Intersil	
Description	IC REG TRPL BCK/LINEAR 24QSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant	
Quantity Available	43760 pcs	Data sheet	ISL6442	
Category	Integrated Circuits (ICs)	w/Supervisor	No	
w/Sequencer	No	w/LED Driver	No	
Voltage/Current - Output 3	Controller	Voltage/Current - Output 2	Controller	
Voltage/Current - Output 1	Controller	Voltage - Supply	4.5 V ~ 5.5 V	
Topology	Step-Down (Buck) Synchronous (2), Linear (LDO) (1)	Series	-	
Packaging	Tube	Package / Case	24-SSOP (0.154", 3.90mm Width)	
Operating Temperature	-40°C ~ 85°C	Number of Outputs	3	
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	2 (1 Year)	
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Frequency - Switching	300kHz ~ 2.55MHz	
Detailed Description	Linear And Switching Voltage Regulator IC 3 Output Step-Down (Buck) Synchronous (2), Linear (LDO) (1) 300kHz ~ 2.55MHz		Base Part Number	ISL6442
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RELATED PRODUCTS			
	Part#: ISL6442IA-TK Description: IC REG TRPL BCK/LINEAR 24QSOP	Manufacturers: Intersil	RFQ
	Part#: ISL6443AIVZ-TK Description: IC CTRLR SGL/STP DWN PWM 28TSSOP	Manufacturers: Intersil	RFQ
	Part#: ISL6442IA Description: IC REG TRPL BCK/LINEAR 24QSOP	Manufacturers: Intersil	RFQ
	Part#: ISL6442IAZ-TK Description: IC REG TRPL BCK/LINEAR 24QSOP	Manufacturers: Intersil	RFQ
	Part#: ISL6443IR Description: IC CTRLR SGL/STEP DOWN PWM 28QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6443AEVAL2Z Description: EVALUATION BOARD FOR ISL6443A	Manufacturers: Intersil	RFQ
	Part#: ISL6441IRZ Description: IC CTRLR SGL/STEP DOWN PWM 28QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6441IR-TK Description: IC CTRLR PWM DUAL 1.4MHZ 28-QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6443AIRZ Description: IC CTRLR SGL/STEP DOWN PWM 28QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6441IR-T Description: IC CTRLR PWM DUAL 1.4MHZ 28-QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6441IRZ-T Description: IC CTRLR PWM DUAL 1.4MHZ 28-QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6443IR-T Description: IC CTRLR PWM DUAL 300KHZ 28-QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6442EVAL1Z Description: EVAL BOARD FOR ISL6442	Manufacturers: Intersil	RFQ
	Part#: ISL6441IR Description: IC CTRLR SGL/STEP DOWN PWM 28QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6440IAZ-TK Description: IC REG CTRLR BUCK 24QSOP	Manufacturers: Intersil	RFQ
	Part#: ISL6441IRZ-TK Description: IC CTRLR PWM 1.4MHZ DUAL 28-QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6443AIRZ-TK Description: IC CTRLR SGL/STP DWN PWM 28-QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6443IR-TK Description: IC CTRLR PWM DUAL 300KHZ 28-QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6443AIVZ Description: IC CTRLR SGL/STP DWN PWM 28TSSOP	Manufacturers: Intersil	RFQ
	Part#: ISL6442IAZ-TKS2715 Description: IC REG TRPL BCK/LINEAR 24QSOP	Manufacturers: Intersil	RFQ

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