

ISL6406IBZ-T



A Renesas Company

Part Number: [ISL6406IBZ-T](#)

Manufacturer: [Intersil](#)

Description: IC REG CTRLR BUCK 16SOIC

Data sheet:  [ISL6406](#)

RoHs Status: Lead free / RoHS Compliant

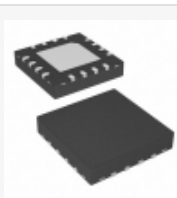
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ISL6406IBZ-T	Manufacturer	Intersil
Description	IC REG CTRLR BUCK 16SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4409 pcs	Data sheet	ISL6406
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.97 V ~ 3.63 V
Topology	Buck	Synchronous Rectifier	Yes
Supplier Device Package	16-SOIC	Series	-
Serial Interfaces	-	Packaging	Cut Tape (CT)
Package / Case	16-SOIC (0.154", 3.90mm Width)	Output Type	Transistor Driver
Output Phases	1	Output Configuration	Positive
Other Names	ISL6406IBZ-TCT ISL6406IBZT	Operating Temperature	-40°C ~ 85°C (TA)
Number of Outputs	1	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Function	Step-Down
Frequency - Switching	100kHz ~ 715kHz	Duty Cycle (Max)	96%
Detailed Description	Buck Regulator Positive Output Step-Down DC-DC Controller IC 16-SOIC	Control Features	Enable, Frequency Control, Phase Control
Clock Sync	Yes	Base Part Number	ISL6406
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RELATED PRODUCTS			
	Part#: ISL6406IBZ Description: IC REG CTRLR BUCK 16SOIC	Manufacturers: Intersil	RFQ
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	Part#: ISL6406IR Description: IC REG CTRLR BUCK 16QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6406IV-T Description: IC REG CTRLR BUCK 16TSSOP	Manufacturers: Intersil	RFQ
	Part#: ISL6405EVAL2Z Description: EVAL BOARD 2 FOR ISL6405	Manufacturers: Intersil	RFQ
	Part#: ISL6406IVZ-T Description: IC REG CTRLR BUCK 16TSSOP	Manufacturers: Intersil	RFQ
	Part#: ISL6406EVAL3 Description: EVALUATION BOARD 3 ISL6406	Manufacturers: Intersil	RFQ
	Part#: ISL6406IB-T Description: IC REG CTRLR BUCK 16SOIC	Manufacturers: Intersil	RFQ
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	Part#: ISL6406IR-T Description: IC REG CTRLR BUCK 16QFN	Manufacturers: Intersil	RFQ
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	Part#: ISL6405EVAL2 Description: EVALUATION BOARD 2 ISL6405	Manufacturers: Intersil	RFQ

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