

ISL8105AIBZ-T



A Renesas Company

Part Number: [ISL8105AIBZ-T](#)

Manufacturer: [Intersil](#)

Description: IC REG CTRLR BUCK 8SOIC

Data sheet:  [ISL8105\(A\)](#)

RoHs Status: Lead free / RoHS Compliant

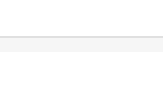
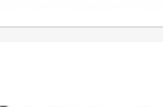
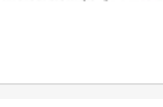
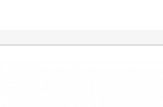
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ISL8105AIBZ-T	Manufacturer	Intersil
Description	IC REG CTRLR BUCK 8SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	60346 pcs	Data sheet	ISL8105(A)
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	6.5 V ~ 14.4 V
Topology	Buck	Synchronous Rectifier	Yes
Supplier Device Package	8-SOIC	Series	-
Serial Interfaces	-	Packaging	Tape & Reel (TR)
Package / Case	8-SOIC (0.154", 3.90mm Width)	Output Type	Transistor Driver
Output Phases	1	Output Configuration	Positive
Operating Temperature	-40°C ~ 85°C (TA)	Number of Outputs	1
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	12 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Function	Step-Down
Frequency - Switching	600kHz	Duty Cycle (Max)	100%
Detailed Description	Buck Regulator Positive Output Step-Down DC-DC Controller IC 8-SOIC	Control Features	Current Limit, Enable
Clock Sync	No	Base Part Number	ISL8105A
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RELATED PRODUCTS			
	Part#: ISL8105BCRZ Description: IC REG CTRLR BUCK 10DFN	Manufacturers: Intersil	RFQ
	Part#: ISL8105BCBZ-T Description: IC REG CTRLR BUCK 8SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL8104IBZ-T Description: IC REG CTRLR BUCK 14SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL8105BEVAL1Z Description: EVAL BOARD ISL8105B	Manufacturers: Intersil	RFQ
	Part#: ISL8104IRZ-T Description: IC REG CTRLR BUCK 16QFN	Manufacturers: Intersil	RFQ
	Part#: ISL8105AIBZ Description: IC REG CTRLR BUCK 8SOIC	Manufacturers: Intersil	RFQ
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	Part#: ISL8105BEVAL2Z Description: EVALUATION BOARD FOR ISL8105B	Manufacturers: Intersil	RFQ
	Part#: ISL8105BCRZ-T Description: IC REG CTRLR BUCK 10DFN	Manufacturers: Intersil	RFQ
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	Part#: ISL8105AIRZ Description: IC REG CTRLR BUCK 10DFN	Manufacturers: Intersil	RFQ
	Part#: ISL8105BIBZ-T Description: IC REG CTRLR BUCK 8SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL8104IRZ Description: IC REG CTRLR BUCK 16QFN	Manufacturers: Intersil	RFQ

Related keywords for ISL8105AIBZ-T

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