

ISL6564AIRZ



A Renesas Company

Part Number: [ISL6564AIRZ](#)

Manufacturer: [Intersil](#)

Description: IC REG CTRLR BUCK 40QFN

Data sheet:  [ISL6564A](#)

RoHs Status: Lead free / RoHS Compliant

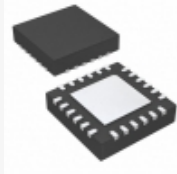
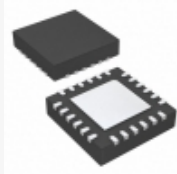
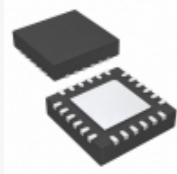
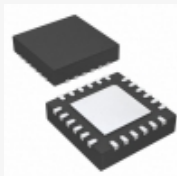
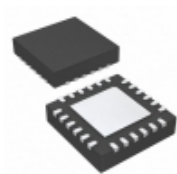
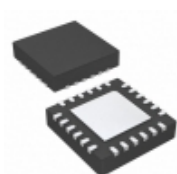
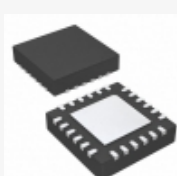
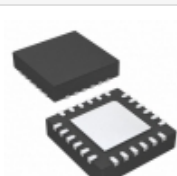
Ship From: Hong Kong

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Request For Quotation

PRODUCT PARAMETER			
Part Number	ISL6564AIRZ	Manufacturer	Intersil
Description	IC REG CTRLR BUCK 40QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5830 pcs	Data sheet	ISL6564A
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4.75 V ~ 5.25 V
Topology	Buck	Synchronous Rectifier	-
Supplier Device Package	40-QFN (6x6)	Series	-
Serial Interfaces	-	Packaging	Tube
Package / Case	40-VFQFN Exposed Pad	Output Type	PWM Signal
Output Phases	4	Output Configuration	Positive
Operating Temperature	-40°C ~ 85°C (TA)	Number of Outputs	4
Moisture Sensitivity Level (MSL)	2 (1 Year)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Down	Frequency - Switching	80kHz ~ 1.5MHz
Duty Cycle (Max)	66.7%	Detailed Description	Buck Regulator Positive Output Step-Down DC-DC Controller IC 40-QFN (6x6)
Control Features	Enable, Frequency Control, Power Good	Clock Sync	No
Base Part Number	ISL6564A		
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RELATED PRODUCTS			
	Part#: ISL6565ACB-T Description: IC REG CTRLR BUCK 28SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL6563IRZ-T Description: IC CTRLR PWM MULTIPHASE 24-QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6564ACRZ-T Description: IC REG CTRLR BUCK 40QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6563CRZ Description: IC CTRLR PWM MULTIPHASE 24-QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6564AIRZ-T Description: IC REG CTRLR BUCK 40QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6565ACBZ-T Description: IC REG CTRLR BUCK 28SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL6564CR-T Description: IC REG CTRLR BUCK 40QFN	Manufacturers: Intersil	RFQ
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	Part#: ISL6564IR Description: IC REG CTRLR BUCK 40QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6563CR-T Description: IC CTRLR PWM MULTIPHASE 24-QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6565ACB Description: IC REG CTRLR BUCK 28SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL6565ACBZ Description: IC REG CTRLR BUCK 28SOIC	Manufacturers: Intersil	RFQ
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	Part#: ISL6564CR Description: IC REG CTRLR BUCK 40QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6563IRZ Description: IC CNTRLR PWM 2-PH BUCK 24-QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6564ACRZ Description: IC REG CTRLR BUCK 40QFN	Manufacturers: Intersil	RFQ
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	Part#: ISL6563CRZ-T Description: IC CTRLR PWM MULTIPHASE 24-QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6565ACR Description: IC REG CTRLR BUCK 28QFN	Manufacturers: Intersil	RFQ

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