

ISL6551ABZ



A Renesas Company

Part Number: [ISL6551ABZ](#)

Manufacturer: [Intersil](#)

Description: IC REG CTRLR FULL-BRIDGE 28SOIC

Data sheet:  [ISL6551](#)

RoHs Status: Lead free / RoHS Compliant

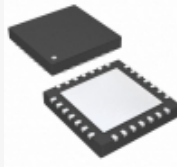
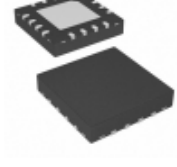
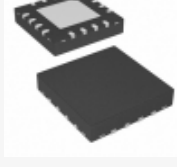
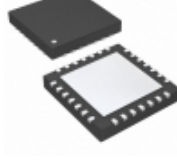
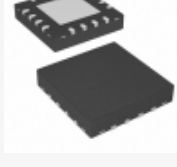
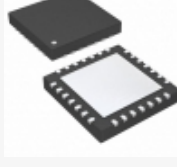
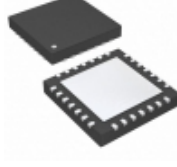
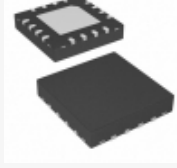
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ISL6551ABZ	Manufacturer	Intersil
Description	IC REG CTRLR FULL-BRIDGE 28SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4809 pcs	Data sheet	ISL6551
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	10.8 V ~ 13.2 V
Topology	Full-Bridge	Synchronous Rectifier	Yes
Supplier Device Package	28-SOIC	Series	-
Serial Interfaces	-	Packaging	Tube
Package / Case	28-SOIC (0.295", 7.50mm Width)	Output Type	Transistor Driver
Output Phases	1	Output Configuration	Positive, Isolation Capable
Operating Temperature	-40°C ~ 105°C (TA)	Number of Outputs	1
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Up/Step-Down	Frequency - Switching	50kHz ~ 500kHz
Duty Cycle (Max)	50%	Detailed Description	Full-Bridge Regulator Positive, Isolation Capable Output Step-Up/Step-Down DC-DC Controller IC 28-SOIC
Control Features	Current Limit, Dead Time Control, Enable, Soft Start	Clock Sync	No
Base Part Number	ISL6551		
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RELATED PRODUCTS			
	Part#: ISL6549IAZ-T Description: IC REG DL BCK/LINEAR 16-QSOP	Manufacturers: Intersil	RFQ
	Part#: ISL6551IB Description: IC REG CTRLR FULL-BRIDGE 28SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL6551ABZ-T Description: IC REG CTRLR FULL-BRIDGE 28SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL6551ARZ Description: IC REG CTRLR FULL-BRIDGE 28QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6549IAZ Description: IC REG DL BCK/LINEAR 16-QSOP	Manufacturers: Intersil	RFQ
	Part#: ISL6551IBZ-T Description: IC REG CTRLR FULL-BRIDGE 28SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL6549CRZ-T Description: IC REG DL BCK/LINEAR SYNC 16-QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6549IRZ Description: IC REG DL BCK/LINEAR SYNC 16-QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6551ARZ-T Description: IC REG CTRLR FULL-BRIDGE 28QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6549IRZ-T Description: IC REG DL BCK/LINEAR SYNC 16-QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6551IB-T Description: IC REG CTRLR FULL-BRIDGE 28SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL6551IR-T Description: IC REG CTRLR FULL-BRIDGE 28QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6549LOW-EVAL1 Description: EVAL BOARD 1 FOR ISL6549LOW	Manufacturers: Intersil	RFQ
	Part#: ISL6549IBZ Description: IC REG DL BCK/LINEAR 14-SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL6551IR Description: IC REG CTRLR FULL-BRIDGE 28QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6551IBZ Description: IC REG CTRLR FULL-BRIDGE 28SOIC	Manufacturers: Intersil	RFQ
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	Part#: ISL6549CRZR5213 Description: IC REG DL BCK/LINEAR SYNC 16-QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6549IBZ-T Description: IC REG DL BCK/LINEAR 14-SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL6549HI-EVAL1 Description: EVAL BOARD 1 FOR ISL6549HI	Manufacturers: Intersil	RFQ

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