

ISL6840IRZ-T



A Renesas Company

Part Number: [ISL6840IRZ-T](#)

Manufacturer: [Intersil](#)

Description: IC REG CTRLR BOOST/FLYBACK 8DFN

Data sheet:  [ISL6840-45](#)

RoHs Status: Lead free / RoHS Compliant

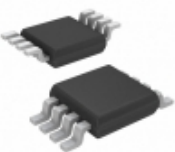
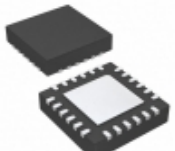
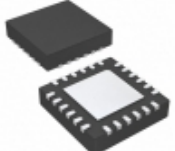
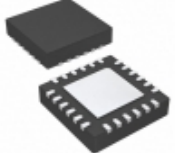
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ISL6840IRZ-T	Manufacturer	Intersil
Description	IC REG CTRLR BOOST/FLYBACK 8DFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	77103 pcs	Data sheet	ISL6840-45
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	7.5 V ~ 14 V
Topology	Boost, Flyback	Synchronous Rectifier	Yes
Supplier Device Package	8-DFN (2x3)	Series	-
Serial Interfaces	-	Packaging	Cut Tape (CT)
Package / Case	8-VDFN Exposed Pad	Output Type	Transistor Driver
Output Phases	1	Output Configuration	Positive, Isolation Capable
Other Names	ISL6840IRZ-TCT	Operating Temperature	-40°C ~ 105°C (TA)
Number of Outputs	1	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	6 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Up, Step-Up/Step-Down	Frequency - Switching	Up to 2MHz
Duty Cycle (Max)	96%	Detailed Description	Boost, Flyback Regulator Positive, Isolation Capable Output Step-Up, Step-Up/Step-Down DC-DC Controller IC 8-DFN (2x3)
Control Features	Current Limit, Frequency Control	Clock Sync	No
Base Part Number	ISL6840		
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	Part#: ISL6840IUZ-T Description: IC REG CTRLR BOOST/FLYBACK 8MSOP	Manufacturers: Intersil	RFQ
	Part#: ISL6841IBZ-T Description: IC REG CTRLR BOOST/FLYBACK 8SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL6841IRZ-T Description: IC REG CTRLR BOOST/FLYBACK 8DFN	Manufacturers: Intersil	RFQ
	Part#: ISL6841IB-T Description: IC REG CTRLR BOOST/FLYBACK 8SOIC	Manufacturers: Intersil	RFQ
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	Part#: ISL68301IRAZ-T7A Description: SNGL PH DIG DC/DC CONT	Manufacturers: Intersil	RFQ
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	Part#: ISL6841IBZ Description: IC REG CTRLR BOOST/FLYBACK 8SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL68201IRZ-T7A Description: IC REG CTRLR BUCK PMBUS 24QFN	Manufacturers: Intersil	RFQ
	Part#: ISL68201IRZ Description: IC REG CTRLR BUCK PMBUS 24QFN	Manufacturers: Intersil	RFQ
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	Part#: ISL68201IRZ-TK Description: IC REG CTRLR BUCK PMBUS 24QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6840IB Description: IC REG CTRLR BOOST/FLYBACK 8SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL6841EVAL3Z Description: EVALUATION BOARD FOR ISL6841	Manufacturers: Intersil	RFQ

Related keywords for ISL6840IRZ-T

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