

ISL6840IBZ-T



A Renesas Company

Part Number: [ISL6840IBZ-T](#)

Manufacturer: [Intersil](#)

Description: IC REG CTRLR BOOST/FLYBACK 8SOIC

Data sheet:  [ISL6840-45](#)

RoHs Status: Lead free / RoHS Compliant

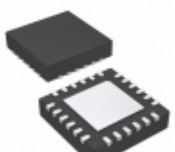
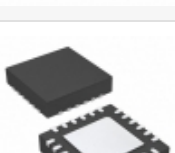
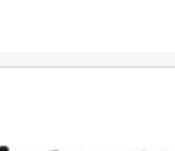
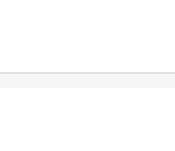
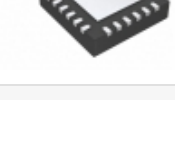
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ISL6840IBZ-T	Manufacturer	Intersil
Description	IC REG CTRLR BOOST/FLYBACK 8SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	77139 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-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, Isolation Capable
Operating Temperature	-40°C ~ 105°C (TA)	Number of Outputs	1
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	7 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-SOIC	Control Features	Current Limit, Frequency Control
Clock Sync	No	Base Part Number	ISL6840
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	Part#: ISL6840IUZ Description: IC REG CTRLR BOOST/FLYBACK 8MSOP	Manufacturers: Intersil	RFQ
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	Part#: ISL68301IRAZ-T7A Description: SNGL PH DIG DC/DC CONT	Manufacturers: Intersil	RFQ
	Part#: ISL6840IU Description: IC REG CTRLR BOOST/FLYBACK 8MSOP	Manufacturers: Intersil	RFQ
	Part#: ISL6840IB-T Description: IC REG CTRLR BOOST/FLYBACK 8SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL6841IBZ Description: IC REG CTRLR BOOST/FLYBACK 8SOIC	Manufacturers: Intersil	RFQ
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	Part#: ISL6841IBZ-T Description: IC REG CTRLR BOOST/FLYBACK 8SOIC	Manufacturers: Intersil	RFQ
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	Part#: ISL68201IRZ-T7A Description: IC REG CTRLR BUCK PMBUS 24QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6841EVAL3Z Description: EVALUATION BOARD FOR ISL6841	Manufacturers: Intersil	RFQ

Related keywords for ISL6840IBZ-T

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