

ISL6745AAUZ




A Renesas Company

Part Number: [ISL6745AAUZ](#)

Manufacturer: [Intersil](#)

Description: IC REG CTRLR MULT TOP 10MSOP

Data sheet:  [ISL6745A](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	ISL6745AAUZ	Manufacturer	Intersil
Description	IC REG CTRLR MULT TOP 10MSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	46242 pcs	Data sheet	ISL6745A
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	9 V ~ 16 V
Topology	Full-Bridge, Half-Bridge	Synchronous Rectifier	No
Supplier Device Package	10-MSOP	Series	-
Serial Interfaces	-	Packaging	Tube
Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	Output Type	Transistor Driver
Output Phases	1	Output Configuration	Positive, Isolation Capable
Operating Temperature	-40°C ~ 105°C (TA)	Number of Outputs	2
Moisture Sensitivity Level (MSL)	2 (1 Year)	Manufacturer Standard Lead Time	6 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Function	Step-Up/Step-Down
Frequency - Switching	Up to 1MHz	Duty Cycle (Max)	99%
Detailed Description	Full-Bridge, Half-Bridge Regulator Positive, Isolation Capable Output Step-Up/Step-Down DC-DC Controller IC 10-MSOP	Control Features	Frequency Control, Soft Start
Clock Sync	No	Base Part Number	ISL6745A
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	Part#: ISL6745AU-T Description: IC REG CTRLR MULT TOP 10MSOP	Manufacturers: Intersil	RFQ
	Part#: ISL6744EVAL1Z Description: EVAL BOARD 1 FOR ISL6744	Manufacturers: Intersil	RFQ
	Part#: ISL6744ABZ-TR5252 Description: IC REG CTRLR MULT TOPOLOGY 8SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL6744AU-T Description: IC REG CTRLR MULT TOPOLOGY 8MSOP	Manufacturers: Intersil	RFQ
	Part#: ISL6745EVAL1Z Description: EVAL BOARD 1 FOR ISL6745	Manufacturers: Intersil	RFQ
	Part#: ISL6744ABZ-T Description: IC REG CTRLR MULT TOPOLOGY 8SOIC	Manufacturers: Intersil	RFQ
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	Part#: ISL6745AAUZ-TS2712 Description: IC REG CTRLR MULT TOP 10MSOP	Manufacturers: Intersil	RFQ
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	Part#: ISL6745AUZ-TR5252 Description: IC REG CTRLR MULT TOP 10MSOP	Manufacturers: Intersil	RFQ

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