

ISL6742AAZA



A Renesas Company

Part Number: ISL6742AAZA

Manufacturer Intersil

Description IC REG CTRLR MULT TOP 16QSOP

Data sheet:  ISL6742

RoHs Status: Lead free / RoHS Compliant

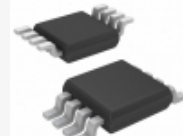
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ISL6742AAZA	Manufacturer	Intersil
Description	IC REG CTRLR MULT TOP 16QSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	33399 pcs	Data sheet	ISL6742
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	9 V ~ 16 V
Topology	Full-Bridge, Half-Bridge	Synchronous Rectifier	Yes
Supplier Device Package	16-QSOP	Series	-
Serial Interfaces	-	Packaging	Tube
Package / Case	16-SSOP (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)	2 (1 Year)	Manufacturer Standard Lead Time	10 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Function	Step-Up/Step-Down
Frequency - Switching	Up to 2MHz	Duty Cycle (Max)	99%
Detailed Description	Full-Bridge, Half-Bridge Regulator Positive, Isolation Capable Output Step-Up/Step-Down DC-DC Controller IC 16-QSOP	Control Features	Frequency Control, Ramp, Soft Start
Clock Sync	No	Base Part Number	ISL6742A
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	Part#: ISL6742AAZA-T Description: IC REG CTRLR MULT TOP 16QSOP	Manufacturers: Intersil	RFQ
	Part#: ISL6740IVZ-T Description: IC REG CTRLR MULT TOP 16TSSOP	Manufacturers: Intersil	RFQ
	Part#: ISL6744AB-T Description: IC REG CTRLR MULT TOPOLOGY 8SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL6741IB Description: IC REG CTRLR MULT TOP 16SOIC	Manufacturers: Intersil	RFQ
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	Part#: ISL6741IBZ-T Description: IC REG CTRLR MULT TOP 16SOIC	Manufacturers: Intersil	RFQ

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