

ISL6754AAZA




A Renesas Company

Part Number: [ISL6754AAZA](#)

Manufacturer [Intersil](#)

Description IC REG CTRLR FULL-BRIDGE 20QSOP

Data sheet:  [ISL6754](#)

RoHs Status: Lead free / RoHS Compliant

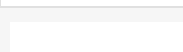
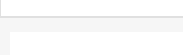
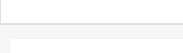
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PRODUCT PARAMETER			
Part Number	ISL6754AAZA	Manufacturer	Intersil
Description	IC REG CTRLR FULL-BRIDGE 20QSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	27228 pcs	Data sheet	ISL6754
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	9 V ~ 16 V
Topology	Full-Bridge	Synchronous Rectifier	Yes
Supplier Device Package	20-QSOP	Series	-
Serial Interfaces	-	Packaging	Tube
Package / Case	20-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)	3 (168 Hours)	Manufacturer Standard Lead Time	6 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 Regulator Positive, Isolation Capable Output Step-Up/Step-Down DC-DC Controller IC 20-QSOP	Control Features	Frequency Control, Ramp, Soft Start
Clock Sync	No	Base Part Number	ISL6754A
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	Part#: ISL6801ABT Description: IC DRIVER HISIDE BOOTSTRAP 8SOIC	Manufacturers: Intersil	RFQ
	Part#: ISL68134IRAZ-T7A Description: IC REG CTRLR PMBUS 40TQFN	Manufacturers: Intersil	RFQ
	Part#: ISL6755AAZA-T Description: IC REG CTRLR FULL-BRIDGE 20QSOP	Manufacturers: Intersil	RFQ
	Part#: ISL6752DBEVAL1Z Description: BOARD DEMO FOR ISL6752	Manufacturers: Intersil	RFQ
	Part#: ISL6752AAZA Description: IC REG CTRLR FULL-BRIDGE 16QSOP	Manufacturers: Intersil	RFQ
	Part#: ISL6754DBEVAL1Z Description: BOARD DEMO FOR ISL6754	Manufacturers: Intersil	RFQ
	Part#: ISL6755AAZA Description: IC REG CTRLR FULL-BRIDGE 20QSOP	Manufacturers: Intersil	RFQ
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	Part#: ISL6801AB Description: IC DRIVER HI-SIDE HI VOLT 8-SOIC	Manufacturers: Intersil	RFQ
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	Part#: ISL68127IRAZ-T7A Description: IC REG CTRLR PMBUS 48QFN	Manufacturers: Intersil	RFQ
	Part#: ISL6745LEVAL2Z Description: EVAL BOARD 2 FOR ISL6745	Manufacturers: Intersil	RFQ
	Part#: ISL68124IRAZ-T7A Description: IC REG CTRLR PMBUS 40TQFN	Manufacturers: Intersil	RFQ

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