

## ISL8130IAZ-T7A



**Part Number:** [ISL8130IAZ-T7A](#)

**Manufacturer:** [Intersil](#)

**Description:** IC REG CTRLR MULT TOP 20SSOP

**Data sheet:** [ISL8130](#)

**RoHS Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

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### PRODUCT PARAMETER

<b>Part Number</b>	<a href="#">ISL8130IAZ-T7A</a>
<b>Manufacturer</b>	<a href="#">Intersil</a>
<b>Description</b>	IC REG CTRLR MULT TOP 20SSOP
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	56956 pcs
<b>Product Photo</b>	<a href="#">ISL8130IAZ-T7A.jpg</a>
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>
<b>Voltage - Supply (Vcc/Vdd)</b>	4.5 V ~ 5.5 V
<b>Topology</b>	Buck, Boost, Flyback, SEPIC
<b>Synchronous Rectifier</b>	Yes
<b>Supplier Device Package</b>	20-QSOP
<b>Series</b>	-
<b>Serial Interfaces</b>	-
<b>Packaging</b>	Tape & Reel (TR)
<b>Package / Case</b>	20-SSOP (0.154", 3.90mm Width)
<b>Output Type</b>	Transistor Driver
<b>Output Phases</b>	1
<b>Output Configuration</b>	Positive
<b>Other Names</b>	ISL8130IAZ-T7ATR ISL8130IAZT7A
<b>Operating Temperature</b>	-40°C ~ 85°C (TA)
<b>Number of Outputs</b>	1
<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Function</b>	Step-Up, Step-Down, Step-Up/Step-Down
<b>Frequency - Switching</b>	100kHz ~ 1.4MHz
<b>Duty Cycle (Max)</b>	96%
<b>Detailed Description</b>	Buck, Boost, Flyback, SEPIC Regulator Positive Output Step-Up, Step-Down, Step-Up/Step-Down DC-DC Controller IC 20-QSOP
<b>Control Features</b>	Current Limit, Enable, Frequency Control, Power Good
<b>Clock Sync</b>	No
<b>Base Part Number</b>	ISL8130

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	<b>Part#:</b> <a href="#">ISL8126CRZ-T7A</a> <b>Description:</b> IC REG CTRLR BUCK 32QFN	<b>Manufacturers:</b> <a href="#">Intersil</a> <b>In Stock:</b> 21974	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ISL81387IAZ-T</a> <b>Description:</b> IC TXRX RS232/422/485 20SSOP	<b>Manufacturers:</b> <a href="#">Intersil</a> <b>In Stock:</b> 30121	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ISL8126IRZ-TK</a> <b>Description:</b> IC REG CTRLR BUCK 32QFN	<b>Manufacturers:</b> <a href="#">Intersil</a> <b>In Stock:</b> 37713	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ISL8126IRZ-T</a> <b>Description:</b> IC REG CTRLR BUCK 32QFN	<b>Manufacturers:</b> <a href="#">Intersil</a> <b>In Stock:</b> 38890	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ISL8130IAZ-TK</a> <b>Description:</b> IC REG CTRLR MULT TOP 20QSOP	<b>Manufacturers:</b> <a href="#">Intersil</a> <b>In Stock:</b> 59302	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">ISL81334IBZ</a> <b>Description:</b> IC TXRX DUAL 2PORT ESD 28-SOIC	<b>Manufacturers:</b> <a href="#">Intersil</a> <b>In Stock:</b> 16883	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ISL8126IRZ</a> <b>Description:</b> IC REG CTRLR BUCK 32QFN	<b>Manufacturers:</b> <a href="#">Intersil</a> <b>In Stock:</b> 37670	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ISL8130IRZ</a> <b>Description:</b> IC REG CTRLR MULT TOPOLOGY 20QFN	<b>Manufacturers:</b> <a href="#">Intersil</a> <b>In Stock:</b> 64220	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">ISL8130IAZ</a> <b>Description:</b> IC REG CTRLR MULT TOP 20QSOP	<b>Manufacturers:</b> <a href="#">Intersil</a> <b>In Stock:</b> 59268	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ISL81334IBZ-T</a> <b>Description:</b> IC TXRX RS232/422/485 28SOIC W	<b>Manufacturers:</b> <a href="#">Intersil</a> <b>In Stock:</b> 23961	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ISL8126IRZ-T7A</a> <b>Description:</b> IC REG CTRLR BUCK 32QFN	<b>Manufacturers:</b> <a href="#">Intersil</a> <b>In Stock:</b> 24429	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ISL8130IRZ-TK</a> <b>Description:</b> IC REG CTRLR MULT TOPOLOGY 20QFN	<b>Manufacturers:</b> <a href="#">Intersil</a> <b>In Stock:</b> 69201	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ISL8130IRZ-T7A</a> <b>Description:</b> IC REG CTRLR MULT TOPOLOGY 20QFN	<b>Manufacturers:</b> <a href="#">Intersil</a> <b>In Stock:</b> 44626	<a href="#">RFQ</a>

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