

ISL78220ANEZ-T





A Renesas Company

Part Number: [ISL78220ANEZ-T](#)

Manufacturer: [Intersil](#)

Description: IC REG CTRLR BOOST 44TQFP

Data sheet:  [ISL78220](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Images are for reference only.
See Product Specifications for product details.
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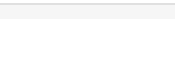
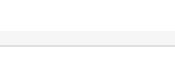
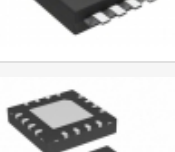
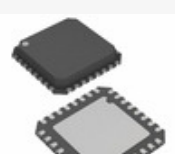
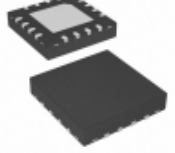
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PRODUCT PARAMETER			
Part Number	ISL78220ANEZ-T	Manufacturer	Intersil
Description	IC REG CTRLR BOOST 44TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	24451 pcs	Data sheet	ISL78220
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4.75 V ~ 5.25 V
Topology	Boost	Synchronous Rectifier	-
Supplier Device Package	44-MQFP (10x10)	Series	Automotive, AEC-Q100
Serial Interfaces	-	Packaging	Tape & Reel (TR)
Package / Case	44-TQFP Exposed Pad	Output Type	PWM Signal
Output Phases	6	Output Configuration	Positive
Operating Temperature	-40°C ~ 125°C (TJ)	Number of Outputs	6
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	9 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Function	Step-Up
Frequency - Switching	75kHz ~ 1MHz	Duty Cycle (Max)	91.7%
Detailed Description	Boost Regulator Positive Output Step-Up DC-DC Controller IC 44-MQFP (10x10)	Control Features	Enable, Frequency Control, Power Good, Soft Start
Clock Sync	Yes	Base Part Number	ISL78220

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	Part#: ISL78219EV1Z Description: ISL782195EV1Z - EVALUATION BOARD	Manufacturers: Intersil	RFQ
	Part#: ISL78215AUZ-T Description: IC REG CTRLR BOOST/FLYBACK 8MSOP	Manufacturers: Intersil	RFQ
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	Part#: ISL78227ARZ-T7A Description: IC REG CTRLR BOOST 32WQFN	Manufacturers: Intersil	RFQ
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