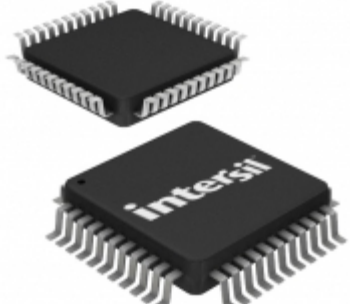


ISL78220ANEZ





A Renesas Company

Part Number: [ISL78220ANEZ](#)

Manufacturer: [Intersil](#)

Description: IC REG CTRLR BOOST 44TQFP

Data sheet:  [ISL78220](#)

RoHs Status: Lead free / RoHS Compliant

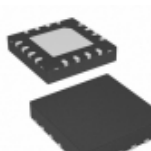
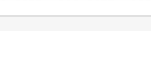
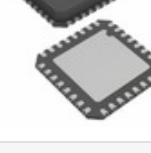
Ship From: Hong Kong

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

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ISL78220ANEZ	Manufacturer	Intersil
Description	IC REG CTRLR BOOST 44TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	26379 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	Tray
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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RELATED PRODUCTS			
	Part#: ISL78225ANEZ-T Description: IC REG CTRLR BOOST 44TQFP	Manufacturers: Intersil	RFQ
	Part#: ISL78215AUZ Description: IC REG CTRLR BOOST/FLYBACK 8MSOP	Manufacturers: Intersil	RFQ
	Part#: ISL78219ARTZ-T Description: AUTO GRADE 2 STEP-UP REGULATOR	Manufacturers: Intersil	RFQ
	Part#: ISL78226ANZ Description: ISL78226ANZ AUTOMOTIVE 6 PHASE B	Manufacturers: Intersil	RFQ
	Part#: ISL78223AAZ-T Description: IC REG CTRLR FULL-BRIDGE 20QSOP	Manufacturers: Intersil	RFQ
	Part#: ISL78226EVKIT1Z Description: KIT EVAL FOR ISL78226	Manufacturers: Intersil	RFQ
	Part#: ISL78215AUZ-T7A Description: IC REG CTRLR BOOST/FLYBACK 8MSOP	Manufacturers: Intersil	RFQ
	Part#: ISL78219ARTZ-T7A Description: AUTO GRADE 2 STEP-UP REG W/4A IN	Manufacturers: Intersil	RFQ
	Part#: ISL78214ARZ-T Description: IC REG BUCK ADJ 4A SYNC 16QFN	Manufacturers: Intersil	RFQ
	Part#: ISL78227ARZ Description: IC REG CTRLR BOOST 32WQFN	Manufacturers: Intersil	RFQ
	Part#: ISL78215AUZ-T Description: IC REG CTRLR BOOST/FLYBACK 8MSOP	Manufacturers: Intersil	RFQ
	Part#: ISL78226ANZ-T Description: ISL78226ANZ AUTOMOTIVE 6 PHASE B	Manufacturers: Intersil	RFQ
	Part#: ISL78223AAZ Description: IC REG CTRLR FULL-BRIDGE 20QSOP	Manufacturers: Intersil	RFQ
	Part#: ISL78219ARTZ Description: AUTO GRADE 2 STEP-UP REGULATOR	Manufacturers: Intersil	RFQ
	Part#: ISL78214ARZ Description: IC REG BUCK ADJ 4A SYNC 16QFN	Manufacturers: Intersil	RFQ
	Part#: ISL78219EV1Z Description: ISL782195EV1Z - EVALUATION BOARD	Manufacturers: Intersil	RFQ
	Part#: ISL78227ARZ-T Description: IC REG CTRLR BOOST 32WQFN	Manufacturers: Intersil	RFQ
	Part#: ISL78225ANEZ Description: IC REG CTRLR BOOST 44TQFP	Manufacturers: Intersil	RFQ
	Part#: ISL78220ANEZ-T Description: IC REG CTRLR BOOST 44TQFP	Manufacturers: Intersil	RFQ
	Part#: ISL78213ARZ-TS2568 Description: IC REG BUCK ADJ 3A SYNC 16QFN	Manufacturers: Intersil	RFQ

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