

SC508AULTRT



Part Number: [SC508AULTRT](#)

Manufacturer: [Semtech](#)

Description: IC REG CTRLR BUCK 20MLPQ

Data sheet:  [SC508\(A\)](#)

RoHs Status: Lead free / RoHS Compliant

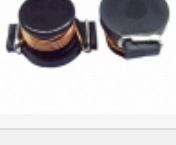
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Request For Quotation

PRODUCT PARAMETER			
Part Number	SC508AULTRT	Manufacturer	Semtech
Description	IC REG CTRLR BUCK 20MLPQ	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	39661 pcs	Data sheet	SC508(A)
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4.5 V ~ 46 V
Topology	Buck	Synchronous Rectifier	Yes
Supplier Device Package	20-MLPQ-UT (3x3)	Series	Automotive, AEC-Q100, EcoSpeed®, SmartDrive™
Serial Interfaces	-	Packaging	Tape & Reel (TR)
Package / Case	20-UFAQFN Exposed Pad	Output Type	Transistor Driver
Output Phases	1	Output Configuration	Positive
Operating Temperature	-40°C ~ 125°C (TJ)	Number of Outputs	1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	5 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Function	Step-Down
Frequency - Switching	Up to 1MHz	Duty Cycle (Max)	-
Detailed Description	Buck Regulator Positive Output Step-Down DC-DC Controller IC 20-MLPQ-UT (3x3)	Control Features	Current Limit, Enable, On Time Control, Power Good, Soft Start
Clock Sync	No		
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RELATED PRODUCTS			
	Part#: SC50F302W	Manufacturers: Advanced Sensors / Amphenol	RFQ
	Description: THERMISTOR NTC 3KOHM 3969K BEAD		
	Part#: SC5040FH-6R8	Manufacturers: Bel	RFQ
	Description: FIXED IND 6.8UH 11.5A 9 MOHM SMD		
	Part#: SC5040FH-3R9	Manufacturers: Bel	RFQ
	Description: FIXED IND 3.9UH 14A 6 MOHM SMD		
	Part#: SC5040FH-180	Manufacturers: Bel	RFQ
	Description: FIXED IND 18UH 6.8A 22 MOHM SMD		
	Part#: SC50F232W	Manufacturers: Advanced Sensors / Amphenol	RFQ
	Description: THERM NTC 2.252KOHM 3969K BEAD		
	Part#: SC5040FH-680	Manufacturers: Bel	RFQ
	Description: FIXED IND 68UH 3.4A 67 MOHM SMD		
	Part#: SC50F103VN	Manufacturers: Advanced Sensors / Amphenol	RFQ
	Description: THERMISTOR NTC 10KOHM 3969K BEAD		
	Part#: SC50F103WN	Manufacturers: Advanced Sensors / Amphenol	RFQ
	Description: THERMISTOR NTC 10KOHM 3969K BEAD		
	Part#: SC50F303W	Manufacturers: Advanced Sensors / Amphenol	RFQ
	Description: THERMISTOR NTC 30KOHM 3969K BEAD		
	Part#: SC5040FH-220	Manufacturers: Bel	RFQ
	Description: FIXED IND 22UH 5.2A 24 MOHM SMD		
	Part#: SC50F232V	Manufacturers: Advanced Sensors / Amphenol	RFQ
	Description: THERM NTC 2.252KOHM 3969K BEAD		
	Part#: SC50F103V	Manufacturers: Advanced Sensors / Amphenol	RFQ
	Description: THERMISTOR NTC 10KOHM 3969K BEAD		
	Part#: SC5040FH-681	Manufacturers: Bel	RFQ
	Description: FIXED IND 680UH 1.1A 780 MOHM		
	Part#: SC50F302V	Manufacturers: Advanced Sensors / Amphenol	RFQ
	Description: THERMISTOR NTC 3KOHM 3969K BEAD		
	Part#: SC5040FH-470	Manufacturers: Bel	RFQ
	Description: FIXED IND 47UH 4.1A 52 MOHM SMD		
	Part#: SC5040FH-331	Manufacturers: Bel	RFQ
	Description: FIXED IND 330UH 1.8A 325 MOHM		
	Part#: SC508ULTRT	Manufacturers: Semtech	RFQ
	Description: IC REG CTRLR BUCK 20MLPQ		
	Part#: SC50F103W	Manufacturers: Advanced Sensors / Amphenol	RFQ
	Description: THERMISTOR NTC 10KOHM 3933K BEAD		
	Part#: SC5040FH-2R8	Manufacturers: Bel	RFQ
	Description: FIXED IND 2.8UH 16A 5.2 MOHM SMD		
	Part#: SC5040FH-330	Manufacturers: Bel	RFQ
	Description: FIXED IND 33UH 4.4A 37 MOHM SMD		

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