

AST1S31HF



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Part Number: [AST1S31HF](#)

Manufacturer: [STMicroelectronics](#)

Description: IC REG BUCK ADJ 3A SYNC

Data sheet:  [AST1S31HF](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

PRODUCT PARAMETER			
Part Number	AST1S31HF	Manufacturer	STMicroelectronics
Description	IC REG BUCK ADJ 3A SYNC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	55940 pcs	Data sheet	AST1S31HF
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	0.8V
Voltage - Output (Max)	4V	Voltage - Input (Min)	2.8V
Voltage - Input (Max)	4V	Topology	Buck
Synchronous Rectifier	Yes	Supplier Device Package	8-VDFPN (3x3)
Series	Automotive, AEC-Q100	Packaging	Original-Reel®
Package / Case	8-VDFN Exposed Pad	Output Type	Adjustable
Output Configuration	Positive	Other Names	497-16408-6
Operating Temperature	-40°C ~ 150°C (TJ)	Number of Outputs	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	40 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Down	Frequency - Switching	2.3MHz
Detailed Description	Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 3A 8-VDFN Exposed Pad	Current - Output	3A
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