

A5975D




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Part Number: [A5975D](#)

Manufacturer: [STMicroelectronics](#)

Description: IC REG BUCK ADJ 3A 8SOIC

Data sheet:  [A5975D](#)
 [A597x\(A\)D, A6902D Flyer](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

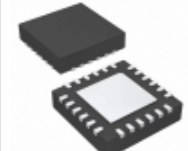
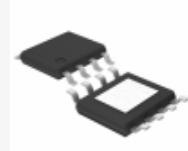
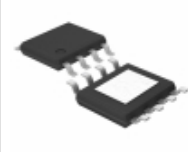
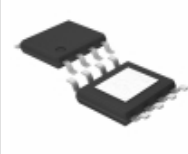
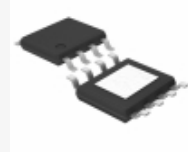
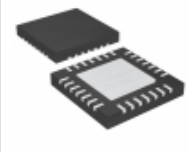
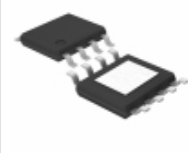
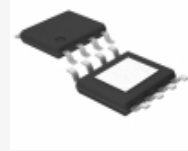
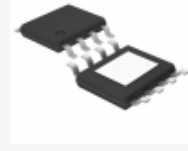
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	A5975D	Manufacturer	STMicroelectronics
Description	IC REG BUCK ADJ 3A 8SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	45995 pcs	Data sheet	A5975D A597x(A)D, A6902D Flyer
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	1.235V
Voltage - Output (Max)	35V	Voltage - Input (Min)	4V
Voltage - Input (Max)	36V	Topology	Buck
Synchronous Rectifier	No	Supplier Device Package	8-HSOP-EP
Series	Automotive, AEC-Q100	Packaging	Tube
Package / Case	8-SOIC (0.154", 3.90mm Width) Exposed Pad	Output Type	Adjustable
Output Configuration	Positive	Other Names	497-16423 A5975D-ND
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	38 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Down	Frequency - Switching	250kHz
Detailed Description	Buck Switching Regulator IC Positive Adjustable 1.235V 1 Output 3A 8-SOIC (0.154", 3.90mm Width) Exposed Pad	Current - Output	3A
Base Part Number	A5975		

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	Part#: A5984GESTR-T Description: IC MOTOR DRIVER STEP/DIR 24QFN	Manufacturers: Allegro MicroSystems, LLC.	RFQ
	Part#: A5974AD Description: IC REG BUCK ADJ 2A 8SOIC	Manufacturers: STMicroelectronics	RFQ
	Part#: A5988GEVTR-T Description: IC DC MOTOR DRVR PWM 36QFN	Manufacturers: Allegro MicroSystems, LLC.	RFQ
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	Part#: A5984GETTR-T Description: 40V, 2A (.65) STEPPER MOTOR DRIV	Manufacturers: Allegro MicroSystems, LLC.	RFQ
	Part#: A5973D Description: IC REG BUCK ADJ 2A 8HSOP	Manufacturers: STMicroelectronics	RFQ

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