

A5975DTR




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Part Number: [A5975DTR](#)

Manufacturer: [STMicroelectronics](#)

Description: IC REG BUCK ADJ 3A 8SOIC

Data sheet:  [A5975D](#)

RoHs Status: Lead free / RoHS Compliant

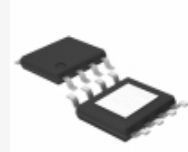
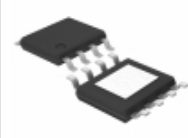
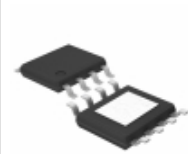
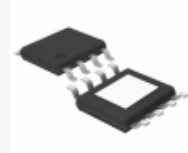
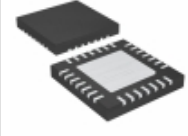
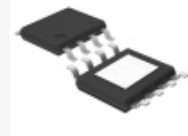
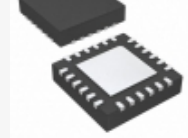
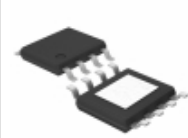
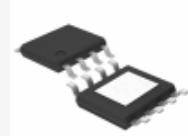
Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	A5975DTR	Manufacturer	STMicroelectronics
Description	IC REG BUCK ADJ 3A 8SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	37754 pcs	Data sheet	A5975D
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	Tape & Reel (TR)
Package / Case	8-SOIC (0.154", 3.90mm Width) Exposed Pad	Output Type	Adjustable
Output Configuration	Positive	Other Names	497-11426-2
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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RELATED PRODUCTS			
	Part#: A5976GLPTR-T Description: MICROSTEPPING DMOS DRIVER WITH T	Manufacturers: Allegro MicroSystems, LLC.	RFQ
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	Part#: A5974DTR Description: IC REG BUCK ADJ 2.5A 8SOIC	Manufacturers: STMicroelectronics	RFQ
	Part#: A5974D Description: IC REG BUCK ADJ 2.5A 8SOIC	Manufacturers: STMicroelectronics	RFQ
	Part#: A5973ADTR Description: IC REG BUCK ADJ 1.5A 8HSOP	Manufacturers: STMicroelectronics	RFQ
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	Part#: A5988GEVTR-T Description: IC DC MOTOR DRVR PWM 36QFN	Manufacturers: Allegro MicroSystems, LLC.	RFQ

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