

A5974D



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Part Number: **A5974D**

Manufacturer: **STMicroelectronics**

Description: IC REG BUCK ADJ 2.5A 8SOIC

Data sheet:  [Power Mgmt Guide Brochure](#)
 [A5974D](#)
 [A798x, A597x Switching Regulators for Car Power](#)
 [Family of Step-Dwn Regulators Flyer](#)

RoHs Status: Lead free / RoHS Compliant

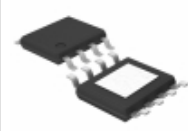
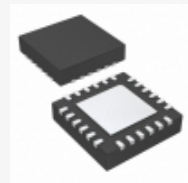
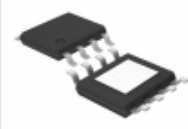
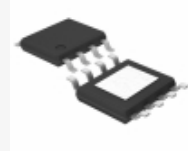
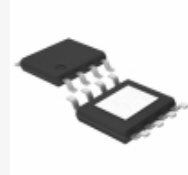
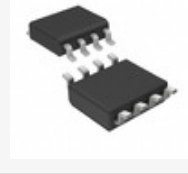
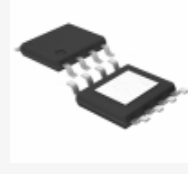
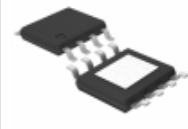
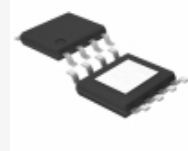
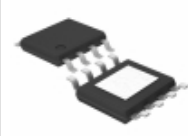
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Request For Quotation

PRODUCT PARAMETER			
Part Number	A5974D	Manufacturer	STMicroelectronics
Description	IC REG BUCK ADJ 2.5A 8SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	45117 pcs	Data sheet	Power Mgmt Guide Brochure A5974D A798x, A597x Switching Regulators for Car Power Family of Step-Dwn Regulators 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	497-17060 A5974D-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 2.5A 8-SOIC (0.154", 3.90mm Width) Exposed Pad	Current - Output	2.5A
Base Part Number	A5974		
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	Part#: A5979GLPTR-T Description: MICROSTEPPING DMOS DRIVER WITH T	Manufacturers: Allegro MicroSystems, LLC.	RFQ
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	Part#: A5973D Description: IC REG BUCK ADJ 2A 8HSOP	Manufacturers: STMicroelectronics	RFQ
	Part#: A5984GESTR-T Description: IC MOTOR DRIVER STEP/DIR 24QFN	Manufacturers: Allegro MicroSystems, LLC.	RFQ
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	Part#: A5973D013TR Description: IC REG BUCK ADJ 2A 8HSOP	Manufacturers: STMicroelectronics	RFQ
	Part#: A5984GETTR-T Description: 40V, 2A (.65) STEPPER MOTOR DRIV	Manufacturers: Allegro MicroSystems, LLC.	RFQ

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