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STMicroelectronics



A5974D

Part Number:	A5974D
Manufacturer/Brand:	STMicroelectronics
Product description	IC REG BUCK ADJ 2.5A 8SOIC
	 1.A5974D.pdf
	 2.A5974D.pdf
	 3.A5974D.pdf
	 4.A5974D.pdf
Datasheets:	 Lead free / RoHS Compliant
RoHs Status	26011 pcs stock
Stock Condition	Hong Kong
Ship From	DHL/Fedex/TNT/UPS/EMS
Shipment Way	

REQUEST FOR QUOTATION

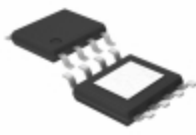
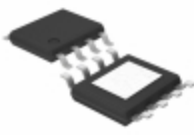
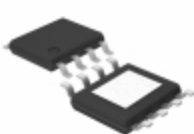
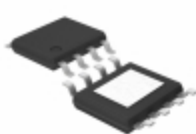
Specifications of A5974D

PART NUMBER	A5974D
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC REG BUCK ADJ 2.5A 8SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	26011 pcs
DATA SHEET	 1.A5974D.pdf  2.A5974D.pdf  3.A5974D.pdf  4.A5974D.pdf
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)
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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