



ST1S10PUR

Part Number:	ST1S10PUR
Manufacturer/Brand:	STMicroelectronics
Product description:	IC REG BUCK ADJ 3A SYNC DFN8
Datasheets:	ST1S10PUR.pdf
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	57687 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

Specifications of ST1S10PUR

PART NUMBER	ST1S10PUR
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC REG BUCK ADJ 3A SYNC DFN8
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	57687 pcs
DATA SHEET	ST1S10PUR.pdf
VOLTAGE - OUTPUT (MIN/FIXED)	0.8V
VOLTAGE - OUTPUT (MAX)	16.2V
VOLTAGE - INPUT (MIN)	2.5V
VOLTAGE - INPUT (MAX)	18V
TOPOLOGY	Buck
SYNCHRONOUS RECTIFIER	Yes
SUPPLIER DEVICE PACKAGE	8-DFN (4x4)
SERIES	-
PACKAGING	Original-Reel®
PACKAGE / CASE	8-VDFN Exposed Pad
OUTPUT TYPE	Adjustable
OUTPUT CONFIGURATION	Positive
OTHER NAMES	497-6313-6
OPERATING TEMPERATURE	-40°C ~ 125°C (TJ)
NUMBER OF OUTPUTS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FUNCTION	Step-Down
FREQUENCY - SWITCHING	900kHz
DETAILED DESCRIPTION	Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 3A 8-VDFN Exposed Pad
CURRENT - OUTPUT	3A
BASE PART NUMBER	ST1S10

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