



STMicroelectronics



AST1S31PUR

Part Number:	AST1S31PUR
Manufacturer/Brand:	STMicroelectronics
Product description	IC REG PWM SYNC 8VDFPN
Datasheets:	 AST1S31PUR.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

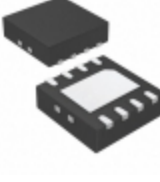
Specifications of AST1S31PUR

PART NUMBER	AST1S31PUR
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC REG PWM SYNC 8VDFPN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 AST1S31PUR.pdf
VOLTAGE - OUTPUT (MIN/FIXED)	0.8V
VOLTAGE - OUTPUT (MAX)	4V
VOLTAGE - INPUT (MIN)	2.8V
VOLTAGE - INPUT (MAX)	4V
TOPOLOGY	Buck
SYNCHRONOUS RECTIFIER	Yes
SUPPLIER DEVICE PACKAGE	8-VDFPN (3x3)
SERIES	-
PACKAGE / CASE	8-VDFN Exposed Pad
OUTPUT TYPE	Adjustable
OUTPUT CONFIGURATION	Positive
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	40 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FUNCTION	Step-Down
FREQUENCY - SWITCHING	1.5MHz
DETAILED DESCRIPTION	Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 3A 8-VDFN Exposed Pad
CURRENT - OUTPUT	3A

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