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STMicroelectronics



ALED6001

Part Number:	ALED6001
Manufacturer/Brand:	STMicroelectronics
Product description	IC LED DRIVER CTRLR DIM 16HTSSOP
Datasheets:	 ALED6001.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	55971 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of ALED6001

PART NUMBER	ALED6001
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC LED DRIVER CTRLR DIM 16HTSSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	55971 pcs
DATA SHEET	 ALED6001.pdf
VOLTAGE - SUPPLY (MIN)	5.5V
VOLTAGE - SUPPLY (MAX)	36V
VOLTAGE - OUTPUT	-
TYPE	DC DC Controller
TOPOLOGY	SEPIC, Step-Down (Buck), Step-Up (Boost)
SUPPLIER DEVICE PACKAGE	16-HTSSOP
SERIES	Automotive, AEC-Q100
PACKAGING	Tube
PACKAGE / CASE	16-TSSOP (0.173", 4.40mm Width) Exposed Pad
OTHER NAMES	497-15226-5
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
INTERNAL SWITCH(S)	No
FREQUENCY	1MHz
DIMMING	Analog, PWM
DETAILED DESCRIPTION	LED Driver IC 1 Output DC DC Controller SEPIC, Step-Down (Buck), Step-Up (Boost) Analog, PWM Dimming 16-HTSSOP
CURRENT - OUTPUT / CHANNEL	-
APPLICATIONS	Automotive

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