

ALED6001



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Part Number: [ALED6001](#)

Manufacturer: [STMicroelectronics](#)

Description: IC LED DRIVER CTRLR DIM 16HTSSOP

Data sheet:  [ALED6001 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	ALED6001	Manufacturer	STMicroelectronics
Description	IC LED DRIVER CTRLR DIM 16HTSSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	59141 pcs	Data sheet	ALED6001 Datasheet
Category	Integrated Circuits (ICs)	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)	Manufacturer Standard Lead Time	38 Weeks
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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	Part#: ALEALEA22K305 Description: JUMPER SSFH-001T-P0.5 X2 12"	Manufacturers: JST	RFQ
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	Part#: ALE75F12 Description: RELAY GEN PURPOSE SPST 16A 12V	Manufacturers: Panasonic	RFQ
	Part#: ALED6001TR Description: IC LED DRIVER 16CH 16HTSSOP	Manufacturers: STMicroelectronics	RFQ
	Part#: ALEBLEB22K152 Description: JUMPER SLEB-001T-P0.2 X2 6"	Manufacturers: JST	RFQ
	Part#: ALEBLEB22K51 Description: JUMPER SLEB-001T-P0.2 X2 2"	Manufacturers: JST	RFQ
	Part#: ALE7PB12 Description: RELAY GEN PURPOSE SPST 16A 12V	Manufacturers: Panasonic	RFQ

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