



AL5812MP-13



Part Number: [AL5812MP-13](#)

Manufacturer: [Diodes Incorporated](#)

Description: IC LED DRVR LIN DIM 150MA 8MSOP

Data sheet:  [AL5812](#)

RoHs Status: Lead free / RoHS Compliant

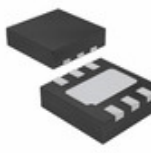

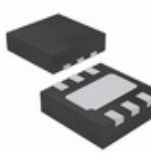










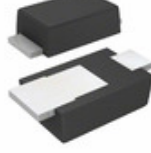






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Request For Quotation

PRODUCT PARAMETER			
Part Number	AL5812MP-13	Manufacturer	Diodes Incorporated
Description	IC LED DRVR LIN DIM 150MA 8MSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	250860 pcs	Data sheet	AL5812
Category	Integrated Circuits (ICs)	Voltage - Supply (Min)	3.5V
Voltage - Supply (Max)	60V	Voltage - Output	1 V ~ 60 V
Type	Linear	Topology	-
Supplier Device Package	8-MSOP-EP	Series	-
Packaging	Tape & Reel (TR)	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad
Other Names	AL5812MP-13DITR AL5812MP13	Operating Temperature	-40°C ~ 125°C (TA)
Number of Outputs	1	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	12 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Internal Switch(s)	Yes
Frequency	-	Dimming	PWM
Detailed Description	LED Driver IC 1 Output Linear PWM Dimming 150mA 8-MSOP-EP	Current - Output / Channel	150mA
Base Part Number	AL5812	Applications	Signage
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	Part#: AL5812FF-7 Description: IC LED DRVR LIN DIM 150MA 6UDFN	Manufacturers: Diodes Incorporated	<div>RFQ</div>
	Part#: AL5890-40P1-13 Description: IC LED DRVR LIN PDI123	Manufacturers: Diodes Incorporated	<div>RFQ</div>
	Part#: AL5811FF-7 Description: IC LED DRIVER LIN DIM 75MA 6DFN	Manufacturers: Diodes Incorporated	<div>RFQ</div>
	Part#: AL5812EV2 Description: EVAL BRD LED DRIVER ADJ LINEAR	Manufacturers: Diodes Incorporated	<div>RFQ</div>
	Part#: AL5890-30P1-13 Description: IC LED DRVR LIN PDI123	Manufacturers: Diodes Incorporated	<div>RFQ</div>
	Part#: AL5812-3FF-7 Description: LED LINEAR DRIVER U-DFN3030-6 T&	Manufacturers: Diodes Incorporated	<div>RFQ</div>
	Part#: AL5A Description: CBL CLAMP P-TYPE SILVER FASTENER	Manufacturers: Essentra Components	<div>RFQ</div>
	Part#: AL5809EV1-150 Description: EVAL BOARD FOR AL5809 150MA	Manufacturers: Diodes Incorporated	<div>RFQ</div>
	Part#: AL5890-10P1-13 Description: IC LED DRVR LIN PDI123	Manufacturers: Diodes Incorporated	<div>RFQ</div>
	Part#: AL5890-20P1-13 Description: IC LED DRVR LIN PDI123	Manufacturers: Diodes Incorporated	<div>RFQ</div>
	Part#: AL5814MP-13 Description: IC LED LINEAR DRIVER MSOP-8EP	Manufacturers: Diodes Incorporated	<div>RFQ</div>
	Part#: AL5811EV2 Description: EVAL BRD LED DRIVER ADJ LINEAR	Manufacturers: Diodes Incorporated	<div>RFQ</div>
	Part#: AL5812EV3 Description: EVAL BRD LED DRIVER ADJ LINEAR	Manufacturers: Diodes Incorporated	<div>RFQ</div>
	Part#: AL5890-15P1-13 Description: IC LED DRVR LIN PDI123	Manufacturers: Diodes Incorporated	<div>RFQ</div>
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	Part#: AL5809EV1-60 Description: EVAL BOARD FOR AL5809 60MA	Manufacturers: Diodes Incorporated	<div>RFQ</div>
	Part#: AL5811MP-13 Description: IC LED DRIVER LIN DIM 75MA 8MSOP	Manufacturers: Diodes Incorporated	<div>RFQ</div>
	Part#: AL5816W5-7 Description: LED LINEAR DRIVER SOT25	Manufacturers: Diodes Incorporated	<div>RFQ</div>
	Part#: AL5817MP-13 Description: IC LED LINEAR DRIVER MSOP-8EP	Manufacturers: Diodes Incorporated	<div>RFQ</div>
	Part#: AL5815W5-7 Description: LED LINEAR DRIVER SOT25	Manufacturers: Diodes Incorporated	<div>RFQ</div>

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