

A8513KLYTR-3-T



Part Number: [A8513KLYTR-3-T](#)

Manufacturer: [Allegro MicroSystems, LLC.](#)

Description: IC LED DRIVER REG PWM 10MSOP

Data sheet:  [A8513](#)

RoHs Status: Lead free / RoHS Compliant

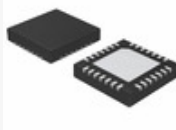
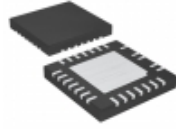
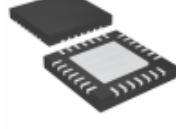
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Request For Quotation

PRODUCT PARAMETER			
Part Number	A8513KLYTR-3-T	Manufacturer	Allegro MicroSystems, LLC.
Description	IC LED DRIVER REG PWM 10MSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	94065 pcs	Data sheet	A8513
Category	Integrated Circuits (ICs)	Voltage - Supply (Min)	4.5V
Voltage - Supply (Max)	40V	Voltage - Output	-
Type	DC DC Regulator	Topology	SEPIC, Step-Up (Boost)
Supplier Device Package	10-MSOP-EP	Series	Automotive, AEC-Q100
Packaging	Tape & Reel (TR)	Package / Case	10-VFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad
Operating Temperature	-40°C ~ 125°C (TA)	Number of Outputs	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	2 (1 Year)
Manufacturer Standard Lead Time	16 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Internal Switch(s)	Yes	Frequency	250kHz
Dimming	PWM	Detailed Description	LED Driver IC 1 Output DC DC Regulator SEPIC, Step-Up (Boost) PWM Dimming 150mA 10-MSOP-EP
Current - Output / Channel	150mA	Applications	Automotive, Backlight
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RELATED PRODUCTS			
	Part#: A8511KLPTR-T Description: IC LED DRIVER RGLTR DIM 28TSSOP	Manufacturers: Allegro MicroSystems, LLC.	RFQ
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	Part#: A8516ELPTR-T Description: IC LED DVR BACKLIGHT MON 24TSSOP	Manufacturers: Allegro MicroSystems, LLC.	RFQ
	Part#: A8513KLYTR-2-T Description: IC LED DRIVER REG PWM 10MSOP	Manufacturers: Allegro MicroSystems, LLC.	RFQ
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	Part#: A8508GLPTR-T Description: IC LED DRIVER CTRLR DIM 24TSSOP	Manufacturers: Allegro MicroSystems, LLC.	RFQ
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	Part#: A8513KLPTR-T Description: IC LED DRIVER RGLTR DIM 16TSSOP	Manufacturers: Allegro MicroSystems, LLC.	RFQ
	Part#: A8515GLPTR-T Description: IC LED DRIVER RGLTR DIM 16TSSOP	Manufacturers: Allegro MicroSystems, LLC.	RFQ
	Part#: A8519KLPTR-T Description: IC LED DRIVER RGLTR DIM 20TSSOP	Manufacturers: Allegro MicroSystems, LLC.	RFQ
	Part#: A8514KLPTR-T Description: IC LED DRIVER RGLTR DIM 20TSSOP	Manufacturers: Allegro MicroSystems, LLC.	RFQ
	Part#: A8509GLPTR-T Description: IC LED DRIVER CTRLR DIM 24TSSOP	Manufacturers: Allegro MicroSystems, LLC.	RFQ
	Part#: A8513KLYTR-1-T Description: IC LED DRIVER REG PWM 10MSOP	Manufacturers: Allegro MicroSystems, LLC.	RFQ
	Part#: A8512ELBTR-T Description: IC LED DRIVER CTRLR DIM 24SOIC	Manufacturers: Allegro MicroSystems, LLC.	RFQ
	Part#: A8518KLPTR-T Description: IC LED DRIVER RGLTR DIM 16TSSOP	Manufacturers: Allegro MicroSystems, LLC.	RFQ

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