

A8580KLPTR-T



Part Number: [A8580KLPTR-T](#)

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

Description: IC REG BUCK ADJ 2.5A 16TSSOP

Data sheet:  [A8580](#)

RoHs Status: Lead free / RoHS Compliant

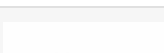
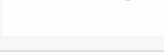
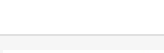
Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	A8580KLPTR-T	Manufacturer	Allegro MicroSystems, LLC.
Description	IC REG BUCK ADJ 2.5A 16TSSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	79386 pcs	Data sheet	A8580
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	0.8V
Voltage - Output (Max)	10V	Voltage - Input (Min)	4V
Voltage - Input (Max)	35V	Topology	Buck
Synchronous Rectifier	No	Supplier Device Package	16-eTSSOP-EP
Series	Automotive, AEC-Q100	Packaging	Tape & Reel (TR)
Package / Case	16-TSSOP (0.173", 4.40mm Width) Exposed Pad	Output Type	Adjustable
Output Configuration	Positive	Other Names	620-1496-2
Operating Temperature	-40°C ~ 125°C (TA)	Number of Outputs	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	2 (1 Year)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Function	Step-Down
Frequency - Switching	252kHz ~ 2.44MHz	Detailed Description	Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 2.5A 16-TSSOP (0.173", 4.40mm Width) Exposed Pad
Current - Output	2.5A	Base Part Number	A8580
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RELATED PRODUCTS			
	Part#: A8518KLPTR-T-1 Description: AUTOMOTIVE TWO STRING BOOST LED	Manufacturers: Allegro MicroSystems, LLC.	RFQ
	Part#: A8586KLJTR-T Description: IC REG BUCK ADJ 3.5A 8SOIC	Manufacturers: Allegro MicroSystems, LLC.	RFQ
	Part#: A8519KLPTR-T-1 Description: QUAD STRING BOOST LED DRIVER FOR	Manufacturers: Allegro MicroSystems, LLC.	RFQ
	Part#: A8585KLKTR-T-2 Description: WIDE INPUT VOLTAGE 2A BUCK REGUL	Manufacturers: Allegro MicroSystems, LLC.	RFQ
	Part#: A8519KETTR-R-1 Description: QUAD STRING BOOST LED DRIVER FOR	Manufacturers: Allegro MicroSystems, LLC.	RFQ
	Part#: A8585KLKTR-T-1 Description: WIDE INPUT VOLTAGE 2A BUCK REGUL	Manufacturers: Allegro MicroSystems, LLC.	RFQ
	Part#: A8520E24A91GM Description: RF TXRX MOD ISM>1GHZ TRACE ANT	Manufacturers: Anaren	RFQ
	Part#: A8586KEJTR-T Description: IC REG BUCK ADJ 3.5A 10DFN	Manufacturers: Allegro MicroSystems, LLC.	RFQ
	Part#: A8586KLJTR-T-1 Description: IC REG BUCK ADJ 3.5A 8SOIC	Manufacturers: Allegro MicroSystems, LLC.	RFQ
	Part#: A8520E24A91GR Description: RF TXRX MOD ISM>1GHZ TRACE ANT	Manufacturers: Anaren	RFQ
	Part#: A8522KLPTR-T Description: IC LED DRIVER BOOST TSSOP	Manufacturers: Allegro MicroSystems, LLC.	RFQ
	Part#: A8583KLPTR-T Description: IC REG BUCK ADJ 3.5A 16TSSOP	Manufacturers: Allegro MicroSystems, LLC.	RFQ
	Part#: A8519KETTR-R Description: LED DRIVER QUAD BOOST	Manufacturers: Allegro MicroSystems, LLC.	RFQ
	Part#: A8582KLPTR-T Description: IC REG BUCK ADJ 2A 16TSSOP	Manufacturers: Allegro MicroSystems, LLC.	RFQ
	Part#: A8585KLKTR-T-3 Description: WIDE INPUT VOLTAGE 2A BUCK REGUL	Manufacturers: Allegro MicroSystems, LLC.	RFQ
	Part#: A8519KLPTR-T Description: IC LED DRIVER RGLTR DIM 20TSSOP	Manufacturers: Allegro MicroSystems, LLC.	RFQ
	Part#: A8584KLPTR-T Description: IC REG BUCK ADJ 2.5A TSSOP	Manufacturers: Allegro MicroSystems, LLC.	RFQ
	Part#: A8520E24A91-EM2 Description: MODULE EVAL FOR A8520E24A91	Manufacturers: Anaren	RFQ
	Part#: A8530EESTR-T Description: IC LED DRIVER RGLTR DIM 16QFN	Manufacturers: Allegro MicroSystems, LLC.	RFQ
	Part#: A8585KLKTR-T Description: IC REG BUCK 5V 2A 10SOIC	Manufacturers: Allegro MicroSystems, LLC.	RFQ

Related keywords for **A8580KLPTR-T**

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