

BA9743AFV-E2



Part Number: [BA9743AFV-E2](#)

Manufacturer: [LAPIS Semiconductor](#)

Description: IC REG CTRLR BUCK/BOOST 16-SSOPB

Data sheet:  [BA9743AFV/44FV/41F\(FS\)](#)
 [SSOP-B16 Taping Spec](#)

RoHs Status: Lead free / RoHS Compliant

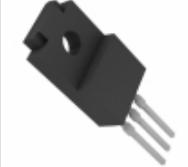
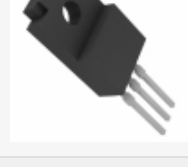
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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	BA9743AFV-E2	Manufacturer	LAPIS Semiconductor
Description	IC REG CTRLR BUCK/BOOST 16-SSOPB	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	81914 pcs	Data sheet	BA9743AFV/44FV/41F(FS) SSOP-B16 Taping Spec
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3.6 V ~ 35 V
Topology	Buck, Boost	Synchronous Rectifier	Yes
Supplier Device Package	16-SSOPB	Series	-
Serial Interfaces	-	Packaging	Tape & Reel (TR)
Package / Case	16-LSSOP (0.173", 4.40mm Width)	Output Type	Transistor Driver
Output Phases	1	Output Configuration	Positive or Negative
Other Names	BA9743AFV-BZE2 BA9743AFV-E2-ND BA9743AFV-E2TR BA9743AFVE2	Operating Temperature	-40°C ~ 85°C (TA)
Number of Outputs	2	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	7 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Up, Step-Down	Frequency - Switching	10kHz ~ 800kHz
Duty Cycle (Max)	100%	Detailed Description	Buck, Boost Regulator Positive or Negative Output Step-Up, Step-Down DC-DC Controller IC 16-SSOPB
Control Features	Dead Time Control, Soft Start	Clock Sync	No
Base Part Number	BA9743		
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	Part#: BA90BC0WT Description: IC REG LINEAR 9V 1A TO220-5	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BA9741FS-E2 Description: IC REG CTRLR BUCK/BOOST 16SSOP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BA90DD0T Description: IC REG LINEAR 9V 2A TO220FP-3	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BA979-GS08 Description: DIODE RF PIN SOD80	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: BA979-GS18 Description: DIODE RF PIN SOD80	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: BA983-GS08 Description: DIODE BAND SW SOD80	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: BA90DD0WHFP-TR Description: IC REG LINEAR 9V 2A HRP5	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BA9734AKV Description: IC REG SW 6CH VQFP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BA982-GS08 Description: DIODE BAND SW SOD80	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: BA90DD0WT Description: IC REG LINEAR 9V 2A TO220-5	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BA979S-GS18 Description: DIODE RF PIN SOD80	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: BA980-GS08 Description: DIODE RF PIN SOD80	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: BA90BC0WT-V5 Description: IC REG LINEAR 9V 1A TO220-5	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BA9741F-E2 Description: IC REG CTRLR BUCK/BOOST 16SOP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BA9744FV-E2 Description: IC REG CTRLR BUCK/BOOST 16-SSOPB	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BA982-GS18 Description: DIODE BAND SW SOD80	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: BA980-GS18 Description: DIODE RF PIN SOD80	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: BA9706K Description: IC REG CTRLR BUCK 32QFP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BA979S-GS08 Description: DIODE RF PIN SOD80	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: BA90JC5T Description: IC REG LINEAR 9V 1.5A TO220FP-3	Manufacturers: LAPIS Semiconductor	RFQ

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