

BD9E300EFJ-LBE2





Part Number: [BD9E300EFJ-LBE2](#)

Manufacturer: [LAPIS Semiconductor](#)

Description IC REG BUCK ADJ 2.5A SYNC 8HTSOP

Data sheet:  [BD9E300EFJ-LB](#)
 [HTSOP-J8 Taping Spec](#)

RoHs Status: Lead free / RoHS Compliant

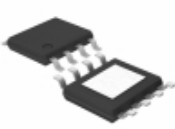
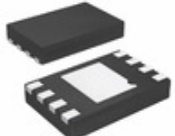
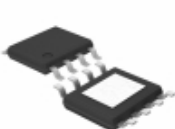
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PRODUCT PARAMETER			
Part Number	BD9E300EFJ-LBE2	Manufacturer	LAPIS Semiconductor
Description	IC REG BUCK ADJ 2.5A SYNC 8HTSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	40039 pcs	Data sheet	BD9E300EFJ-LB HTSOP-J8 Taping Spec
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	1V
Voltage - Output (Max)	25.2V	Voltage - Input (Min)	7V
Voltage - Input (Max)	36V	Topology	Buck
Synchronous Rectifier	Yes	Supplier Device Package	8-HTSOP-J
Series	-	Packaging	Original-Reel®
Package / Case	8-SOIC (0.154", 3.90mm Width) Exposed Pad	Output Type	Adjustable
Output Configuration	Positive	Other Names	BD9E300EFJ-LBE2DKR
Operating Temperature	-40°C ~ 150°C (TJ)	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
Function	Step-Down	Frequency - Switching	1MHz
Detailed Description	Buck Switching Regulator IC Positive Adjustable 1V 1 Output 2.5A 8-SOIC (0.154", 3.90mm Width) Exposed Pad	Current - Output	2.5A
Base Part Number	BD9E300		
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RELATED PRODUCTS			
	Part#: BD9E303EFJ-EVK-001 Description: BD9E303EFJ EVALUATION BOARD	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9G101G-TR Description: IC REG BUCK ADJ 0.5A 6SSOP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9E303EFJ-LBE2 Description: IC REG BUCK ADJ 3A SYNC 8HTSOP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9E101FJ-LBGH2 Description: 7.0V TO 36V INPUT, 1.0 A INTEGRA	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9E151NUX-TR Description: IC REG BUCK ADJ 1.2A 8VSON	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9E102FJ-GE2 Description: IC REG BUCK ADJ 1A SYNC 8SOIC	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9E303EFJ-LBH2 Description: 7.0V TO 36V INPUT, 3.0A INTEGRAT	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9E103FJ-E2 Description: STANDARDINTEGRATED FETBUCKSYNCHR	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9E102FJ-EVK-001 Description: EVAL BOARD BD9E102FJ	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9E300EFJ-EVK-001 Description: EVAL BOARD BD9E300EFJ	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9E102FJ-E2 Description: IC REG BUCK ADJ 1A SYNC 8SOIC	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9E101FJ-LBGE2 Description: IC REG BUCK ADJ 1A SYNC 8SOP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9E104FJ-E2 Description: 7.0 V TO 26.0 V INPUT, 1 A INTEG	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9G101G-EVK-101 Description: BOARD EVAL FOR BD9G101G	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9E301EFJ-LBH2 Description: 7.0V TO 36V INPUT, 2.5A INTEGRAT	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9E151NUX-EVK-101 Description: EVAL BOARD BD9E151NUX FET REG	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9E302EFJ-E2 Description: IC REG BUCK ADJ 3A SYNC	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9E300EFJ-LBH2 Description: 7.0V TO 36V INPUT, 2.5A INTEGRAT	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9E301EFJ-LBE2 Description: IC REG BUCK ADJ 2.5A SYNC 8HTSOP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9E301EFJ-EVK-001 Description: EVAL BOARD BD9E301EFJ	Manufacturers: LAPIS Semiconductor	RFQ

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