

BD9C301FJ-LBGH2




Part Number: [BD9C301FJ-LBGH2](#)

Manufacturer: [LAPIS Semiconductor](#)

Description: 4.5V TO 18V INPUT, 3.0A INTEGRAT

Data sheet:  [BD9C301FJ-LB](#)
 [SOP-J8 Small Reel Taping Spec](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

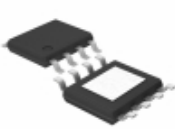
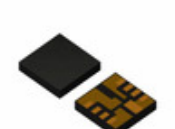
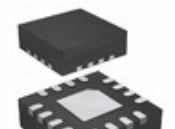
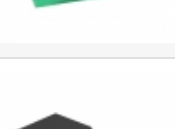
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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	BD9C301FJ-LBGH2	Manufacturer	LAPIS Semiconductor
Description	4.5V TO 18V INPUT, 3.0A INTEGRAT	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	98155 pcs	Data sheet	BD9C301FJ-LB SOP-J8 Small Reel Taping Spec
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	0.8V
Voltage - Output (Max)	12.6V	Voltage - Input (Min)	4.5V
Voltage - Input (Max)	18V	Topology	Buck
Synchronous Rectifier	Yes	Supplier Device Package	8-SOP-J
Series	-	Packaging	Tape & Reel (TR)
Package / Case	8-SOIC (0.154", 3.90mm Width)	Output Type	Adjustable
Output Configuration	Positive	Other Names	BD9C301FJ-LBGH2TR
Operating Temperature	-40°C ~ 85°C (TA)	Number of Outputs	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	11 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Down	Frequency - Switching	500kHz
Detailed Description	Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 3A 8-SOIC (0.154", 3.90mm Width)	Current - Output	3A

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	Part#: BD9D321EFJ-E2 Description: IC REG BUCK ADJ 3A SYNC 8HTSOP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9C401EFJ-EVK-001 Description: EVAL BOARD BD9C401EFJ	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9B301MUV-EVK-101 Description: EVL BOARD FOR BD9B301MUV. SYNCHR	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9B304QWZ-E2 Description: 2.7V TO 5.5V INPUT, 3.0A INTEGRA	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9B500MUV-E2 Description: 2.7V TO 5.5V INPUT, 5.0A INTEGRA	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9D320EFJ-EVK-001 Description: EVAL BOARD BD9D320EFJ	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9C601EFJ-EVK-001 Description: EVAL BOARD BD9C601EFJ	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9B301MUV-LBE2 Description: IC REG BUCK ADJ 3A SYNC 16VQFN	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9C601EFJ-E2 Description: IC REG BUCK ADJ 6A SYNC 8HTSOP	Manufacturers: LAPIS Semiconductor	RFQ
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	Part#: BD9C601EFJEVK-101 Description: BOARD EVAL FOR BD9C601	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9C301FJ-EVK-001 Description: EVAL BOARD BD9C301FJ	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9C501EFJ-EVK-001 Description: EVAL BOARD BD9C501EFJ	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9D320EFJ-E2 Description: IC REG BUCK ADJ 3A SYNC 8HTSOP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9C401EFJ-E2 Description: IC REG BUCK ADJ 4A SYNC 8HTSOP	Manufacturers: LAPIS Semiconductor	RFQ
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	Part#: BD9B300MUV-EVK-101 Description: EVAL BOARD FOR BD9B300MUV	Manufacturers: LAPIS Semiconductor	RFQ

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