

BD9142MUV-E2



Part Number: [BD9142MUV-E2](#)

Manufacturer: [LAPIS Semiconductor](#)

Description: IC REG BUCK ADJ 3A SYNC 24-VQFNV

Data sheet:

RoHs Status: Lead free / RoHS Compliant

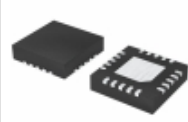
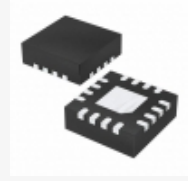
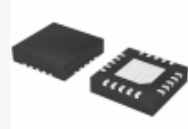
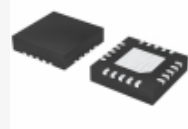
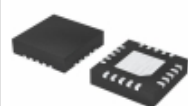
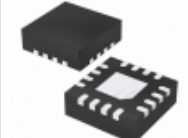
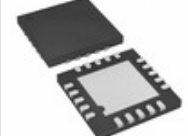
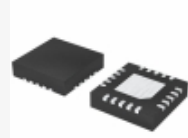
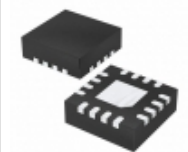
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Request For Quotation

PRODUCT PARAMETER			
Part Number	BD9142MUV-E2	Manufacturer	LAPIS Semiconductor
Description	IC REG BUCK ADJ 3A SYNC 24-VQFNV	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	67632 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	1V
Voltage - Output (Max)	3.3V	Voltage - Input (Min)	4.5V
Voltage - Input (Max)	6.5V	Topology	Buck
Synchronous Rectifier	Yes	Supplier Device Package	VQFN024V4040
Series	-	Packaging	Tape & Reel (TR)
Package / Case	24-VFQFN Exposed Pad	Output Type	Adjustable
Output Configuration	Positive	Other Names	BD9142MUVE2
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	8 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 3A 24-VFQFN Exposed Pad	Current - Output	3A
Base Part Number	BD9142		
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RELATED PRODUCTS			
	Part#: BD9134MUV-E2 Description: IC REG BUCK 3.3V 3A SYNC 20VQFN	Manufacturers: LAPIS Semiconductor	RFQ
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	Part#: BD9206EFV-E2 Description: IC LED DRVR LIN DIM 20MA 20TSSOP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9152MUV-E2 Description: IC REG BUCK ADJ/3.3V 1.5A 20VQFN	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9161FVM-LBTR Description: IC REG BUCK ADJ 0.6A SYNC 8MSOP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9150MUV-E2 Description: IC REG BUCK ADJ/3.3V 1.5A 20VQFN	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD91361MUV-E2 Description: IC REG BUCK ADJ 4A SYNC 20VQFN	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9161FVM-TR Description: IC REG BUCK ADJ 0.6A SYNC 8MSOP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9132MUV-E2 Description: IC REG BUCK ADJ 3A SYNC 20VQFN	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9137MUV-E2 Description: IC REG BUCK ADJ 4A SYNC 20VQFN	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9151MUV-E2 Description: IC REG BCK 1.2V/1.8V 1.5A 20VQFN	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9207FPS-E2 Description: IC LED DRIVER RGLTR 1.5A TO252-5	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9153MUV-E2 Description: IC REG TRPL BCK/LINEAR 24VQFN	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD920 Description: NETWORKING ANTENNA GSM UMTS PAN	Manufacturers: B+B SmartWorx, Inc.	RFQ
	Part#: BD91411GW-E2 Description: IC SWITCH USB2.0 OVP UCSP75M3	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9140MUV-E2 Description: IC REG BUCK ADJ 2A SYNC VQFN020	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD91364BMUU-ZE2 Description: 2.9V TO 5.5V INPUT, 5A INTEGRATE	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9141MUV-E2 Description: IC REG BUCK ADJ 2A SYNC 20VQFN	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD91501MUV-GE2 Description: IC REG BUCK 1.8V/2.55V DL 16VQFN	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD91390MUV-E2 Description: IC CONV DC/DC SGL SD 16-VQFNV	Manufacturers: LAPIS Semiconductor	RFQ

Related keywords for BD9142MUV-E2

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