

BD8301MUV-E2



Part Number: [BD8301MUV-E2](#)

Manufacturer: [LAPIS Semiconductor](#)

Description: IC REG BUCK BOOST ADJ 1A 20VQFN

Data sheet:  [BD8301MUV](#)

RoHs Status: Lead free / RoHS Compliant

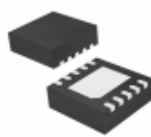
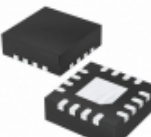
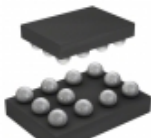
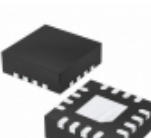
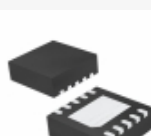
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Request For Quotation

PRODUCT PARAMETER			
Part Number	BD8301MUV-E2	Manufacturer	LAPIS Semiconductor
Description	IC REG BUCK BOOST ADJ 1A 20VQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	36348 pcs	Data sheet	BD8301MUV
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	2.8V
Voltage - Output (Max)	5.2V	Voltage - Input (Min)	2.5V
Voltage - Input (Max)	5.5V	Topology	Buck-Boost
Synchronous Rectifier	Yes	Supplier Device Package	VQFN020V4040
Series	-	Packaging	Cut Tape (CT)
Package / Case	20-VFQFN Exposed Pad	Output Type	Adjustable
Output Configuration	Positive	Other Names	BD8301MUV-BZE2 BD8301MUV-E2CT
Operating Temperature	-25°C ~ 85°C (TA)	Number of Outputs	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Function	Step-Up/Step-Down
Frequency - Switching	1MHz	Detailed Description	Buck-Boost Switching Regulator IC Positive Adjustable 2.8V 1 Output 1A 20-VFQFN Exposed Pad
Current - Output	1A	Base Part Number	BD830*
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RELATED PRODUCTS			
	Part#: BD8314NUV-E2 Description: IC REG BOOST ADJ 2.5A SON10	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD8303MUV-E2 Description: IC REG CTRLR BUCK-BOOST VQFNV	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD82103GWL-E2 Description: IC LED DRVR RGLTR 20MA UCSP50L1	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD82065FVJ-E2 Description: IC SWITCH USB HI SIDE 1CH 8TSSOP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD8306MUV-E2 Description: IC REG BUCK BOOST ADJ 2A 16VQFN	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD8311NUV-E2 Description: IC REG BOOST ADJ 2.5A 10VSON	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD8313HFN-TR Description: IC REG BUCK ADJ 1.2A SYNC 8HSON	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD8316GWL-E2 Description: IC REG BUCK BST INV ADJ 11WLCSP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD8325FVT-ME2 Description: BUILT-IN SECONDARY-SIDE DRIVER W	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD8256EFV-ME2 Description: 9CH SYSTEM MOTOR DRIVER FOR CAR	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD82065FVJ-LBE2 Description: IC SWITCH USB HI SIDE 1CH 8TSSOP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD8255MUV-ME2 Description: IC MOTOR DRIVER 6CH 48VQFN	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD8317GWL-E2 Description: IC REG BOOST ADJ A1 SYNC 50WLCSP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD8271EFV-E2 Description: 3CH SYSTEM MOTOR DRIVER ICS FOR	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD8305MUV-E2 Description: IC REG BUCK BOOST ADJ 1A 20VQFN	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD8226EFV-E2 Description: IC MOTOR DVR 4CH SYS 24HTSSOP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD8312HFN-TR Description: IC REG BUCK ADJ 1A SYNC 8HSON	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD8229EFV-E2 Description: IC MOTOR DRIVER 24SSOP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD8266EFV-ME2 Description: 4CH SYSTEM MOTOR DRIVER FOR CAR	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD8210EFV-E2 Description: IC BRIDGE DRIVER PAR 54HTSSOP	Manufacturers: LAPIS Semiconductor	RFQ

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