

BD8312HFN-TR





Part Number: [BD8312HFN-TR](#)

Manufacturer: [LAPIS Semiconductor](#)

Description: IC REG BUCK ADJ 1A SYNC 8HSO

Data sheet:  [HSON8 Taping Spec](#)
 [BD8312HFN](#)

RoHs Status: Lead free / RoHS Compliant

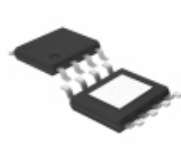
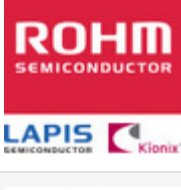
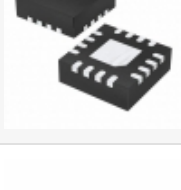
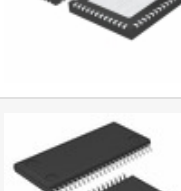
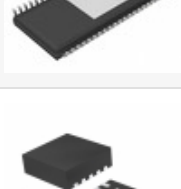
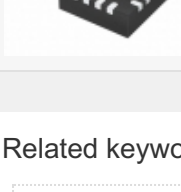
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Request For Quotation

PRODUCT PARAMETER			
Part Number	BD8312HFN-TR	Manufacturer	LAPIS Semiconductor
Description	IC REG BUCK ADJ 1A SYNC 8HSO	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	63921 pcs	Data sheet	HSON8 Taping Spec BD8312HFN
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	1.2V
Voltage - Output (Max)	12V	Voltage - Input (Min)	3.5V
Voltage - Input (Max)	14V	Topology	Buck
Synchronous Rectifier	Yes	Supplier Device Package	8-HSON
Series	-	Packaging	Cut Tape (CT)
Package / Case	8-SMD, Flat Lead Exposed Pad	Output Type	Adjustable
Output Configuration	Positive	Other Names	BD8312HFN-CT BD8312HFN-CT-ND BD8312HFNCT
Operating Temperature	-25°C ~ 85°C (TA)	Number of Outputs	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	10 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Down	Frequency - Switching	1.38MHz ~ 1.62MHz
Detailed Description	Buck Switching Regulator IC Positive Adjustable 1.2V 1 Output 1A 8-SMD, Flat Lead Exposed Pad	Current - Output	1A
Base Part Number	BD831*		
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	Part#: BD8372EFJ-ME2 Description: 50V 200MA 1-CHANNEL LED SOURCE D	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD8317GWL-E2 Description: IC REG BOOST ADJ A1 SYNC 50WLCSP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD8266EFV-ME2 Description: 4CH SYSTEM MOTOR DRIVER FOR CAR	Manufacturers: LAPIS Semiconductor	RFQ
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	Part#: BD83732HFP-MTR Description: 50V 500MA 1CH SOURCE DRIVER FOR	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD8355MWV-BZE2 Description: IC REG SW W/FET LI 2CELL 56UQFN	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD8229EFV-E2 Description: IC MOTOR DRIVER 24SSOP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD8372HFP-MTR Description: 50V 200MA 1-CHANNEL LED SOURCE D	Manufacturers: LAPIS Semiconductor	RFQ
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	Part#: BD8305MUV-E2 Description: IC REG BUCK BOOST ADJ 1A 20VQFN	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD8313HFN-TR Description: IC REG BUCK ADJ 1.2A SYNC 8HSO	Manufacturers: LAPIS Semiconductor	RFQ
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	Part#: BD8355MWV-E2 Description: IC REG SW W/FET LI 2CELL 56UQFN	Manufacturers: LAPIS Semiconductor	RFQ
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	Part#: BD8256EFV-ME2 Description: 9CH SYSTEM MOTOR DRIVER FOR CAR	Manufacturers: LAPIS Semiconductor	RFQ
	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

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