

BD9300F-E2





Part Number: [BD9300F-E2](#)

Manufacturer: [LAPIS Semiconductor](#)

Description: IC REG CTRLR BUCK/BOOST 14-SOP

Data sheet:  [SOP14 Taping Spec](#)
 [BD9300F/FV](#)

RoHs Status: Lead free / RoHS Compliant

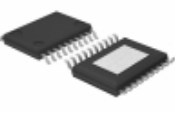
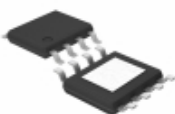
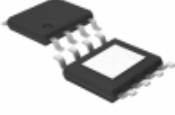
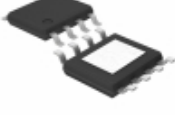
Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	BD9300F-E2	Manufacturer	LAPIS Semiconductor
Description	IC REG CTRLR BUCK/BOOST 14-SOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	70051 pcs	Data sheet	SOP14 Taping Spec BD9300F/FV
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3.6 V ~ 35 V
Topology	Buck, Boost	Synchronous Rectifier	No
Supplier Device Package	14-SOP	Series	-
Serial Interfaces	-	Packaging	Original-Reel®
Package / Case	14-SOIC (0.173", 4.40mm Width)	Output Type	Transistor Driver
Output Phases	1	Output Configuration	Positive or Negative
Other Names	BD9300F-E2DKR	Operating Temperature	-40°C ~ 85°C (TA)
Number of Outputs	1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	11 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Up, Step-Down	Frequency - Switching	20kHz ~ 800kHz
Duty Cycle (Max)	100%	Detailed Description	Buck, Boost Regulator Positive or Negative Output Step-Up, Step-Down DC-DC Controller IC 14-SOP
Control Features	Frequency Control	Clock Sync	No
Base Part Number	BD9300		
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	Part#: BD9322EFJ Description: IC REG BUCK ADJ 2A SYNC 8HTSOP	Manufacturers: LAPIS Semiconductor	RFQ
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	Part#: BD9323EFJ-E2 Description: IC REG BUCK ADJ 3A SYNC 8HTSOP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD92111F-GE2 Description: PFC DIRECT CURRENT RESONANCE TYP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9207FPS-E2 Description: IC LED DRIVER RGLTR 1.5A T0252-5	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9325FJ-E2 Description: IC REG BUCK ADJ 2A SYNC 8SOP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9261EFV-E2 Description: IC PREAMP HBD PIR SENSOR 14SSOP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9285F-GE2 Description: IC LED DVR BOOST 1CH SOP18	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9270F-E2 Description: IC INVERTER CTRL DC-AC 24-SOP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9300FV-E2 Description: IC REG CTRLR BUCK/BOOST 14-SSOP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9322EFJ-E2 Description: IC REG BUCK ADJ 2A SYNC 8HTSOP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9227F-E2 Description: IC REG BUCK CONVERTER 1A 8SOP	Manufacturers: LAPIS Semiconductor	RFQ
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	Part#: BD9324EFJ-E2 Description: IC REG BUCK ADJ 4A SYNC HTSOPJ8	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9302FP-E2 Description: IC REG BUCK ADJ 1.8A DL HSOP25	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9215AFV-E2 Description: IC INVERTER DC/AC SSOP-B28	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9306AFVM-TR Description: IC REG CTRLR BOOST 8MSOP	Manufacturers: LAPIS Semiconductor	RFQ
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	Part#: BD9303FP-E2 Description: IC REG BUCK ADJ 2A HSOP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD9251FV-E2 Description: IC PREAMP HBD PIR SENSOR 14-SSOP	Manufacturers: LAPIS Semiconductor	RFQ

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