

BD6142AMUV-E2



Part Number: **BD6142AMUV-E2**

Manufacturer: **LAPIS Semiconductor**

Description: **IC LED DRIVER RGLTR DIM 24VQFN**

Data sheet:  **BD6142AMUV**
 **VQFN024V4040 Taping Spec**

RoHs Status: **Lead free / RoHS Compliant**

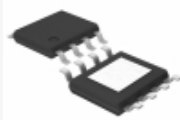
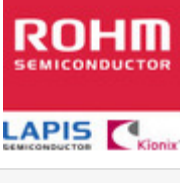
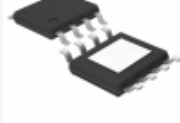
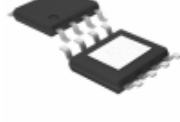
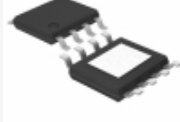
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Request For Quotation

PRODUCT PARAMETER			
Part Number	BD6142AMUV-E2	Manufacturer	LAPIS Semiconductor
Description	IC LED DRIVER RGLTR DIM 24VQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	23261 pcs	Data sheet	BD6142AMUV VQFN024V4040 Taping Spec
Category	Integrated Circuits (ICs)	Voltage - Supply (Min)	4.2V
Voltage - Supply (Max)	27V	Voltage - Output	41V
Type	DC DC Regulator	Topology	Step-Up (Boost)
Supplier Device Package	VQFN024V4040	Series	-
Packaging	Cut Tape (CT)	Package / Case	24-VFQFN Exposed Pad
Other Names	BD6142AMUV-E2CT	Operating Temperature	-40°C ~ 85°C (TA)
Number of Outputs	8	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	9 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Internal Switch(s)	Yes
Frequency	1.25MHz	Dimming	PWM
Detailed Description	LED Driver IC 8 Output DC DC Regulator Step-Up (Boost) PWM Dimming 30mA VQFN024V4040	Current - Output / Channel	30mA
Base Part Number	BD6142	Applications	Backlight
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	Part#: BD62014AFS-E2 Description: 3-PHASE BRUSHLESS FAN MOTOR CONT	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD6111FV-E2 Description: IC REG SWTCHD CAP INV 20MA 8SOPB	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD61245EFV-E2 Description: MULTIFUNCTION SINGLE-PHASE FULL-	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD62011FS-E2 Description: IC FAN MOTOR CTRL 3PH 24SSOP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD60HC5MEFJ-LBH2 Description: IC REG LINEAR 6V 1.5A 8HTSOP-J	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD62012FS-E2 Description: IC FAN MOTOR CTRL 3PH 24SSOP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD6155FVM-TR Description: IC LED DRIVER RGLTR 80MA 8MSOP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD61243FV-GE2 Description: MULTIFUNCTION SINGLE-PHASE FULL-	Manufacturers: LAPIS Semiconductor	RFQ
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	Part#: BD62013FS-E2 Description: IC FAN MOTOR CTRL 3PH 24SSOP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD6150MUV-E2 Description: IC LED DRIVER RGLTR DIM 24VQFN	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD60HC0WEFJ-E2 Description: IC REG LINEAR 6V 1A 8HTSOP-J	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD60HC5MEFJ-ME2 Description: IC REG LINEAR 6V 1.5A 8HTSOP-J	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD61250MUV-E2 Description: MULTIFUNCTION SINGLE-PHASE FULL-	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD62012AFS-E2 Description: 3-PHASE BRUSHLESS FAN MOTOR CONT	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD61241FV-GE2 Description: MULTIFUNCTION SINGLE-PHASE FULL-	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD6112FVM-TR Description: IC REG SWTCHD CAP INV 10MA 8MSOP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BD60HC5WEFJ-E2 Description: IC REG LINEAR 6V 1.5A 8HTSOP-J	Manufacturers: LAPIS Semiconductor	RFQ

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