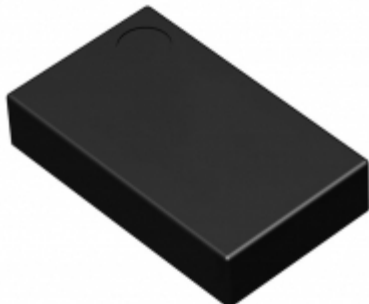


BU90006GWZ-E2






Part Number: [BU90006GWZ-E2](#)

Manufacturer: [LAPIS Semiconductor](#)

Description: IC REG BUCK 3V 1A SYNC 6WLCSP

Data sheet:  [BU9000xGWZ Series](#)
 [BU90006GWZ-E2 Taping Spec](#)
 [BU90002-06GWZ Technical Note](#)

RoHs Status: Lead free / RoHS Compliant

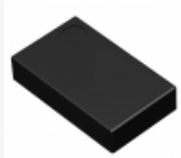
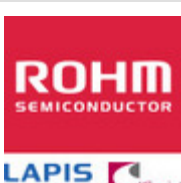
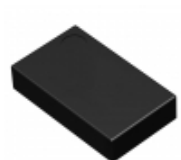
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	BU90006GWZ-E2	Manufacturer	LAPIS Semiconductor
Description	IC REG BUCK 3V 1A SYNC 6WLCSP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	70676 pcs	Data sheet	BU9000xGWZ Series BU90006GWZ-E2 Taping Spec BU90002-06GWZ Technical Note
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	3V
Voltage - Output (Max)	-	Voltage - Input (Min)	2.3V
Voltage - Input (Max)	5.5V	Topology	Buck
Synchronous Rectifier	Yes	Supplier Device Package	6-WLCSP
Series	-	Packaging	Tape & Reel (TR)
Package / Case	6-XFBGA, WLCSP	Output Type	Fixed
Output Configuration	Positive	Other Names	BU90006GWZ-E2TR BU90006GWZE2
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	13 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Down	Frequency - Switching	6MHz
Detailed Description	Buck Switching Regulator IC Positive Fixed 3V 1 Output 1A 6-XFBGA, WLCSP	Current - Output	1A
Base Part Number	BU9000*		
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RELATED PRODUCTS			
	Part#: BU90002GWZ-E2-EVK-101 Description: EVAL BOARD FOR BU90002	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BU90003GWZ-E2 Description: IC REG BUCK 1.2V 1A SYNC 6WLCSP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BU90054GWZ-E2 Description: IC REG BUCK 1.8V 1A SYNC 30UCSP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BU90002GWZ-EVK-101 Description: BOARD EVAL BU90002GWZ REG	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BU90007GWZ-E2EVK-101 Description: BOARD EVAL FOR BU90007GWZ	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BU90003GWZ-E2-EVK-101 Description: BOARD EVAL FOR BU90003GWZ-E2	Manufacturers: LAPIS Semiconductor	RFQ
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	Part#: BU90004GWZ-E2-EVK-101 Description: BOARD EVAL FOR BU90004GWZ-E2	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BU9006GUZ-E2 Description: IC REG BCK ADJ 0.75A SYNC 9WLCSP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BU90009GWZ-E2 Description: IC REG STEP DOWN SYNC 1A 35UCSP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BU90005GWZ-E2 Description: IC REG BUCK 2.5V 1A SYNC 6WLCSP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BU90004GWZ-E2 Description: IC REG BUCK 1.8V 1A SYNC 6WLCSP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BU90030G-TR Description: IC LED DRIVER RGLTR 80MA 6SSOP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BU90006GWZ-E2-EVK-101 Description: BOARD EVAL FOR BU90006GWZ-E2	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BU90008GWZ-E2 Description: IC REG BUCK 1V 1A SYNC 35UCSP	Manufacturers: Rohm Semiconductor	RFQ
	Part#: BU90007GWZ-E2 Description: IC REG BUCK 1.25V 1A SYNC 6UCSP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BU90002GWZ-E2 Description: IC REG BUCK 3.3V 1A SYNC 6WLCSP	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BU90023NUX-TR Description: IC REG BCK 1.23V 1.5A SYNC 8VSON	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: BU900TP Description: TRANS NPN TRIL 370V 5A SOT-82	Manufacturers: STMicroelectronics	RFQ
	Part#: BU90028NUX-TR Description: IC REG BUCK 1.175V 1.5A 8VSON	Manufacturers: LAPIS Semiconductor	RFQ

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