



AOZ1038PI_2



Part Number: [AOZ1038PI_2](#)

Manufacturer: [Alpha and Omega Semiconductor, Inc.](#)

Description: IC REGULATOR BUCK SOIC

Data sheet:  [AOZ1038](#)

RoHs Status: Lead free / RoHS Compliant






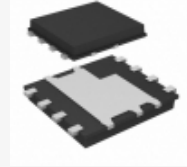




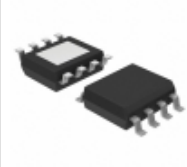






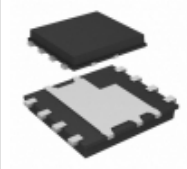

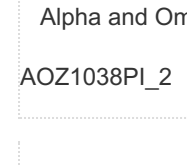
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Request For Quotation

PRODUCT PARAMETER			
Part Number	AOZ1038PI_2	Manufacturer	Alpha and Omega Semiconductor, Inc.
Description	IC REGULATOR BUCK SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5709 pcs	Data sheet	AOZ1038
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	0.8V
Voltage - Output (Max)	18V	Voltage - Input (Min)	4.5V
Voltage - Input (Max)	18V	Topology	Buck
Synchronous Rectifier	Yes	Supplier Device Package	8-SO
Series	EZBuck™	Packaging	Tape & Reel (TR)
Package / Case	8-SOIC (0.154", 3.90mm Width) Exposed Pad	Output Type	Adjustable
Output Configuration	Positive	Operating Temperature	-40°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-Down	Frequency - Switching	450kHz
Detailed Description	Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 6A 8-SOIC (0.154", 3.90mm Width) Exposed Pad	Current - Output	6A
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RELATED PRODUCTS			
	Part#: AOZ1044PI-01 Description: IC REG BUCK SYNC	Manufacturers: Alpha and Omega Semiconductor, Inc.	<div>RFQ</div>
	Part#: AOZ1044PI Description: IC REG BUCK SYNC 8SOIC	Manufacturers: Alpha and Omega Semiconductor, Inc.	<div>RFQ</div>
	Part#: AOZ1037PI_2 Description: IC REGULATOR BUCK SOIC	Manufacturers: Alpha and Omega Semiconductor, Inc.	<div>RFQ</div>
	Part#: AOZ1038PI_3 Description: IC REGULATOR BUCK SOIC	Manufacturers: Alpha and Omega Semiconductor, Inc.	<div>RFQ</div>
	Part#: AOZ1045PI Description: IC REG BUCK SYNC 8SOIC	Manufacturers: Alpha and Omega Semiconductor, Inc.	<div>RFQ</div>
	Part#: AOZ1038DI Description: IC REG BUCK ADJ 6A SYNC 8DFN	Manufacturers: Alpha and Omega Semiconductor, Inc.	<div>RFQ</div>
	Part#: AOZ1036PI_2 Description: IC REGULATOR BUCK SOIC	Manufacturers: Alpha and Omega Semiconductor, Inc.	<div>RFQ</div>
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