


Alpha and Omega Semiconductor,


AOZ1051PI

Part Number:AOZ1051PI


Manufacturer/Brand:Alpha and Omega Semiconductor, Inc.

Product description:IC REG BUCK ADJ 3A SYNC 8SO

 1.AOZ1051PI.pdf

 2.AOZ1051PI.pdf

Datasheets:

 Lead free / RoHS Compliant

RoHs Status:Hong Kong



Ship From:DHL/Fedex/TNT/UPS/EMS

Shipment Way:



Image may be representation. See specifications for product details.













Specifications of AOZ1051PI

|                                  |                                                                                                                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AOZ1051PI                                                                                                                                                                                                                    |
| MANUFACTURER                     | Alpha and Omega Semiconductor, Inc.                                                                                                                                                                                          |
| DESCRIPTION                      | IC REG BUCK ADJ 3A SYNC 8SO                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                   |
| DATA SHEET                       | <div> 1.AOZ1051PI.pdf<div> 2.AOZ1051PI.pdf</div></div> |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 0.8V                                                                                                                                                                                                                         |
| VOLTAGE - OUTPUT (MAX)           | 15.3V                                                                                                                                                                                                                        |
| VOLTAGE - INPUT (MIN)            | 4.5V                                                                                                                                                                                                                         |
| VOLTAGE - INPUT (MAX)            | 18V                                                                                                                                                                                                                          |
| TOPOLOGY                         | Buck                                                                                                                                                                                                                         |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 8-SO-EP                                                                                                                                                                                                                      |
| SERIES                           | EZBuck™                                                                                                                                                                                                                      |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                             |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width) Exposed Pad                                                                                                                                                                                    |
| OUTPUT TYPE                      | Adjustable                                                                                                                                                                                                                   |
| OUTPUT CONFIGURATION             | Positive                                                                                                                                                                                                                     |
| OTHER NAMES                      | 785-1279-2                                                                                                                                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                            |
| NUMBER OF OUTPUTS                | 1                                                                                                                                                                                                                            |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                   |
| FUNCTION                         | Step-Down                                                                                                                                                                                                                    |
| FREQUENCY - SWITCHING            | 500kHz                                                                                                                                                                                                                       |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 3A 8-SOIC (0.154", 3.90mm Width) Exposed Pad                                                                                                                   |
| CURRENT - OUTPUT                 | 3A                                                                                                                                                                                                                           |

Related Tags

|                                               |                                               |                                                   |
|-----------------------------------------------|-----------------------------------------------|---------------------------------------------------|
| Alpha and Omega Semiconductor, Inc. AOZ1051PI | AOZ1051PI Distributor                         | AOZ1051PI Supplier                                |
| AOZ1051PI Price                               | AOZ1051PI Pictures                            | AOZ1051PI Image                                   |
| AOZ1051PI PDF Datasheet                       | AOZ1051PI Download Datasheet                  | AOZ1051PI Datasheet                               |
| AOZ1051PI Stock                               | Buy AOZ1051PI                                 | Buy Alpha and Omega Semiconductor, Inc. AOZ1051PI |
| Alpha and Omega Semiconductor, Inc. AOZ1051PI | Alpha and Omega Semiconductor, Inc. Supplier  | Alpha and Omega Semiconductor, Inc. Distributor   |
| Alpha and Omega Semiconductor, Inc. AOZ1051PI | Alpha and Omega Semiconductor, Inc. AOZ1051PI | Alpha & Omega Semiconductor AOZ1051PI             |
| Alpha & Omega Semiconductor Inc. AOZ1051PI    |                                               |                                                   |

Related Products

|                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>AOZ1052PI</b><br/>Manufacturers: Alpha and Omega Semiconductor, Inc.<br/>Description: IC REG BUCK ADJ 4A SYNC 8SO<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>AOZ1044PI-01</b><br/>Manufacturers: Alpha and Omega Semiconductor, Inc.<br/>Description: IC REG BUCK SYNC<br/>In stock: Out stock</div> <div>RFQ</div>         |
| <div></div> <div><b>AOZ1056AI</b><br/>Manufacturers: Alpha and Omega Semiconductor, Inc.<br/>Description: IC REG BUCK ADJ 2A 8SOIC<br/>In stock: Out stock</div> <div>RFQ</div>    | <div></div> <div><b>AOZ1050PI</b><br/>Manufacturers: Alpha and Omega Semiconductor, Inc.<br/>Description: IC REG BUCK ADJ 2A SYNC 8SO<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>AOZ1045PI</b><br/>Manufacturers: Alpha and Omega Semiconductor, Inc.<br/>Description: IC REG BUCK SYNC 8SOIC<br/>In stock: Out stock</div> <div>RFQ</div>      | <div></div> <div><b>AOZ1051PI_2</b><br/>Manufacturers: Alpha and Omega Semiconductor, Inc.<br/>Description: IC REGULATOR BUCK SOIC<br/>In stock: Out stock</div> <div>RFQ</div>    |
| <div></div> <div><b>AOZ1056AIL</b><br/>Manufacturers: Alpha and Omega Semiconductor, Inc.<br/>Description: IC REG BUCK ADJ 2A 8SOIC<br/>In stock: Out stock</div> <div>RFQ</div>   | <div></div> <div><b>AOZ1057AI</b><br/>Manufacturers: Alpha and Omega Semiconductor, Inc.<br/>Description: IC REG BUCK ADJ 3A 8SOIC<br/>In stock: Out stock</div> <div>RFQ</div>    |
| <div></div> <div><b>AOZ1053PI</b><br/>Manufacturers: Alpha and Omega Semiconductor, Inc.<br/>Description: IC REG BUCK ADJ 5A SYNC 8SO<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>AOZ1043PI</b><br/>Manufacturers: Alpha and Omega Semiconductor, Inc.<br/>Description: IC REG BUCK SYNC 8SOIC<br/>In stock: Out stock</div> <div>RFQ</div>      |
| <div></div> <div><b>AOZ1044PI</b><br/>Manufacturers: Alpha and Omega Semiconductor, Inc.<br/>Description: IC REG BUCK SYNC 8SOIC<br/>In stock: Out stock</div> <div>RFQ</div>      | <div></div> <div><b>AOZ1041AI</b><br/>Manufacturers: Alpha and Omega Semiconductor, Inc.<br/>Description: IC REGULATOR BUCK SOIC<br/>In stock: Out stock</div> <div>RFQ</div>      |