



STMicroelectronics



L6738A

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | L6738A                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC REG CTRLR BUCK 16VFQFPN                                                                                   |
| Datasheets:         |  <a href="#">L6738A.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

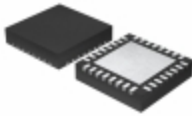
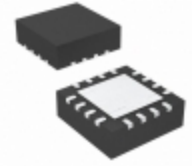
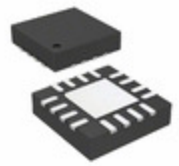
Specifications of L6738A

|                                  |                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | L6738A                                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                             |
| DESCRIPTION                      | IC REG CTRLR BUCK 16VFQFPN                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                     |
| DATA SHEET                       |  <a href="#">L6738A.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 5 V ~ 12 V                                                                                                     |
| TOPOLOGY                         | Buck                                                                                                           |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 16-VFQFPN (3x3)                                                                                                |
| SERIES                           | -                                                                                                              |
| SERIAL INTERFACES                | -                                                                                                              |
| PACKAGING                        | Tube                                                                                                           |
| PACKAGE / CASE                   | 16-VFQFN Exposed Pad                                                                                           |
| OUTPUT TYPE                      | Transistor Driver                                                                                              |
| OUTPUT PHASES                    | 1                                                                                                              |
| OUTPUT CONFIGURATION             | Positive                                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                                                             |
| NUMBER OF OUTPUTS                | 1                                                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                     |
| FUNCTION                         | Step-Down                                                                                                      |
| FREQUENCY - SWITCHING            | 200kHz                                                                                                         |
| DUTY CYCLE (MAX)                 | 100%                                                                                                           |
| DETAILED DESCRIPTION             | Buck Regulator Positive Output Step-Down DC-DC Controller IC 16-VFQFPN (3x3)                                   |
| CONTROL FEATURES                 | Enable, Frequency Control, Phase Control, Power Good                                                           |
| CLOCK SYNC                       | No                                                                                                             |
| BASE PART NUMBER                 | L6738A                                                                                                         |

Related Tags

|                           |                             |                                |
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| STMicroelectronics L6738A | L6738A Distributor          | L6738A Supplier                |
| L6738A Price              | L6738A Pictures             | L6738A Image                   |
| L6738A PDF Datasheet      | L6738A Download Datasheet   | L6738A Datasheet               |
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Related Products

|                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>L6738ATR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG CTRLR BUCK 16VFQFPN<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>L6732TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG CTRLR BUCK 16TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>         |
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|  <div><b>L6738TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG CTRLR BUCK 16QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>     |  <div><b>L6739TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG CTRLR BUCK 16VFQFPN<br/>In stock: Out stock<br/><div>RFQ</div></div>        |
|  <div><b>L6732CTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG CTRLR BUCK 16TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>L6740LTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC HYBRID CONTROLLERS 48TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
|  <div><b>L6732C</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG CTRLR BUCK 16TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |  <div><b>L6731DTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC CTRLR ADJ STPDN SYNC 16-TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>L6740L</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC HYBRID CONTROLLERS 48TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>L6732</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG CTRLR BUCK 16TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>           |