



A6985F

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | A6985F                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC REG BUCK ADJ 0.5A 16HTSSOP                                                                                |
| Datasheets:         |  <a href="#">A6985F.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 26421 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of A6985F

|                                  |                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | A6985F                                                                                                           |
| MANUFACTURER                     | STMicroelectronics                                                                                               |
| DESCRIPTION                      | IC REG BUCK ADJ 0.5A 16HTSSOP                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                       |
| QUANTITY AVAILABLE               | 26421 pcs                                                                                                        |
| DATA SHEET                       |  <a href="#">A6985F.pdf</a>   |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 0.85V                                                                                                            |
| VOLTAGE - OUTPUT (MAX)           | 38V                                                                                                              |
| VOLTAGE - INPUT (MIN)            | 4V                                                                                                               |
| VOLTAGE - INPUT (MAX)            | 38V                                                                                                              |
| TOPOLOGY                         | Buck                                                                                                             |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 16-HTSSOP                                                                                                        |
| SERIES                           | Automotive, AEC-Q100                                                                                             |
| PACKAGING                        | Tray                                                                                                             |
| PACKAGE / CASE                   | 16-TSSOP (0.173", 4.40mm Width) Exposed Pad                                                                      |
| OUTPUT TYPE                      | Adjustable                                                                                                       |
| OUTPUT CONFIGURATION             | Positive                                                                                                         |
| OTHER NAMES                      | 497-15935-5                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 150°C (TJ)                                                                                               |
| NUMBER OF OUTPUTS                | 1                                                                                                                |
| MOUNTING TYPE                    | Surface Mount                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                       |
| FUNCTION                         | Step-Down                                                                                                        |
| FREQUENCY - SWITCHING            | 250kHz ~ 2MHz                                                                                                    |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Adjustable 0.85V 1 Output 500mA 16-TSSOP (0.173", 4.40mm Width) Exposed Pad |
| CURRENT - OUTPUT                 | 500mA                                                                                                            |

Related Tags

|                           |                             |                                |
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| STMicroelectronics A6985F | A6985F Distributor          | A6985F Supplier                |
| A6985F Price              | A6985F Pictures             | A6985F Image                   |
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Related Products

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                          |
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| <div><div><b>A6985F5V</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG BCK 5V 0.5A SYNC 16HTSSOP<br/>In stock: 44580 pcs</div><div>RFQ</div></div>     | <div><div><b>A6986</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG BUCK ADJ 2A SYNC 16HTSSOP<br/>In stock: 22413 pcs</div><div>RFQ</div></div>      |
| <div><div><b>A6985FTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG BUCK 0.5A 16HTSSOP<br/>In stock: 54442 pcs</div><div>RFQ</div></div>            | <div><div><b>A6986F3V3</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG BUCK 1.5A 16HTSSOP<br/>In stock: 49220 pcs</div><div>RFQ</div></div>         |
| <div><div><b>A6986F</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG BUCK 1.5A 16HTSSOP<br/>In stock: 40922 pcs</div><div>RFQ</div></div>              | <div><div><b>A6985F3V3</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG BUCK 3.3V 0.5A 16HTSSOP<br/>In stock: 28185 pcs</div><div>RFQ</div></div>    |
| <div><div><b>A694B/2SYG/S530-E2</b><br/>Manufacturers: Everlight Electronics<br/>Description: LED LAMP ARRAY ALLNGAP<br/>In stock: 522939 pcs</div><div>RFQ</div></div> | <div><div><b>A6902D</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG BUCK ADJ 1A 8SOIC<br/>In stock: 59498 pcs</div><div>RFQ</div></div>             |
| <div><div><b>A6902D13TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG BUCK ADJ 1A 8SOIC<br/>In stock: 60133 pcs</div><div>RFQ</div></div>           | <div><div><b>A6985F5VTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG BCK 5V 0.5A SYNC 16HTSSOP<br/>In stock: 62145 pcs</div><div>RFQ</div></div> |
| <div><div><b>A6985F3V3TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG BUCK 3.3V 0.5A 16HTSSOP<br/>In stock: 52891 pcs</div><div>RFQ</div></div>    | <div><div><b>A6984TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: 36 V 400 MA SYNCHRONOUS STEP-DOW<br/>In stock: 48457 pcs</div><div>RFQ</div></div>    |