



A6986FTR

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|---------------------|----------------------------------|
| Part Number:        | A6986FTR                         |
| Manufacturer/Brand: | STMicroelectronics               |
| Product description | IC REG BCK ADJ 1.5A SYNC 16TSSOP |
| Datasheets:         | A6986FTR.pdf                     |
| RoHs Status         | Lead free / RoHS Compliant       |
| Stock Condition     | 22767 pcs stock                  |
| Ship From           | Hong Kong                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS            |

REQUEST FOR QUOTATION

Specifications of A6986FTR

|                                  |                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | A6986FTR                                                                                                        |
| MANUFACTURER                     | STMicroelectronics                                                                                              |
| DESCRIPTION                      | IC REG BCK ADJ 1.5A SYNC 16TSSOP                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                      |
| QUANTITY AVAILABLE               | 22767 pcs                                                                                                       |
| DATA SHEET                       | A6986FTR.pdf                                                                                                    |
| 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                        | Original-Reel®                                                                                                  |
| PACKAGE / CASE                   | 16-TSSOP (0.173", 4.40mm Width) Exposed Pad                                                                     |
| OUTPUT TYPE                      | Adjustable                                                                                                      |
| OUTPUT CONFIGURATION             | Positive                                                                                                        |
| OTHER NAMES                      | 497-16407-6                                                                                                     |
| 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 1.5A 16-TSSOP (0.173", 4.40mm Width) Exposed Pad |
| CURRENT - OUTPUT                 | 1.5A                                                                                                            |

Related Tags

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Related Products

|                                                                                                                                       |                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>A6985FTR</b><br>Manufacturers: STMicroelectronics<br>Description: IC REG BUCK 0.5A 16HTSSOP<br>In stock: 54442 pcs<br>RFQ          | <b>A6986F3V3</b><br>Manufacturers: STMicroelectronics<br>Description: IC REG BUCK 1.5A 16HTSSOP<br>In stock: 49220 pcs<br>RFQ          |
| <b>A6986F</b><br>Manufacturers: STMicroelectronics<br>Description: IC REG BUCK 1.5A 16HTSSOP<br>In stock: 40922 pcs<br>RFQ            | <b>A6986STR</b><br>Manufacturers: STMicroelectronics<br>Description: IC REG BUCK<br>In stock: 48900 pcs<br>RFQ                         |
| <b>A6986S</b><br>Manufacturers: STMicroelectronics<br>Description: IC REG BUCK<br>In stock: 49056 pcs<br>RFQ                          | <b>A6986F5VTR</b><br>Manufacturers: STMicroelectronics<br>Description: IC REG BCK 5V 1.5A SYNC 16HTSSOP<br>In stock: 54396 pcs<br>RFQ  |
| <b>A6986TR</b><br>Manufacturers: STMicroelectronics<br>Description: IC REG BUCK ADJ 2A SYNC 16HTSSOP<br>In stock: 48261 pcs<br>RFQ    | <b>A6986</b><br>Manufacturers: STMicroelectronics<br>Description: IC REG BUCK ADJ 2A SYNC 16HTSSOP<br>In stock: 22413 pcs<br>RFQ       |
| <b>A6985F5VTR</b><br>Manufacturers: STMicroelectronics<br>Description: IC REG BCK 5V 0.5A SYNC 16HTSSOP<br>In stock: 62145 pcs<br>RFQ | <b>A6986F5V</b><br>Manufacturers: STMicroelectronics<br>Description: IC REG BCK 5V 1.5A SYNC 16HTSSOP<br>In stock: 25637 pcs<br>RFQ    |
| <b>A6985F5V</b><br>Manufacturers: STMicroelectronics<br>Description: IC REG BCK 5V 0.5A SYNC 16HTSSOP<br>In stock: 44580 pcs<br>RFQ   | <b>A6986F3V3TR</b><br>Manufacturers: STMicroelectronics<br>Description: IC REG BCK 3.3V 1.5A SYNC HTSSOP<br>In stock: 24213 pcs<br>RFQ |