



ST1S14PHR

|                     |                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Part Number:        | ST1S14PHR                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                              |
| Product description | IC REG BUCK ADJ 3A 8HSOP                                                                                        |
| Datasheets:         |  <a href="#">ST1S14PHR.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant    |
| Ship From           | Hong Kong                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                           |

REQUEST FOR QUOTATION

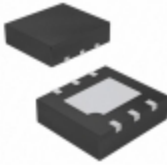
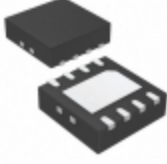
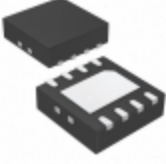
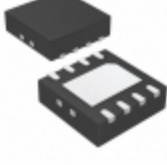
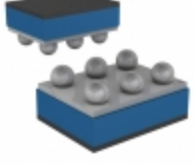
Specifications of ST1S14PHR

|                                  |                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ST1S14PHR                                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                                |
| DESCRIPTION                      | IC REG BUCK ADJ 3A 8HSOP                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                        |
| DATA SHEET                       |  <a href="#">ST1S14PHR.pdf</a> |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 1.22V                                                                                                             |
| VOLTAGE - OUTPUT (MAX)           | 43.2V                                                                                                             |
| VOLTAGE - INPUT (MIN)            | 5.5V                                                                                                              |
| VOLTAGE - INPUT (MAX)            | 48V                                                                                                               |
| TOPOLOGY                         | Buck                                                                                                              |
| SYNCHRONOUS RECTIFIER            | No                                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 8-HSOP                                                                                                            |
| SERIES                           | -                                                                                                                 |
| PACKAGING                        | Tape & Reel (TR)                                                                                                  |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width) Exposed Pad                                                                         |
| OUTPUT TYPE                      | Adjustable                                                                                                        |
| OUTPUT CONFIGURATION             | Positive                                                                                                          |
| OTHER NAMES                      | 497-10816-2                                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                                                                |
| NUMBER OF OUTPUTS                | 1                                                                                                                 |
| MOUNTING TYPE                    | Surface Mount                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                     |
| MANUFACTURER STANDARD LEAD TIME  | 38 Weeks                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                        |
| FUNCTION                         | Step-Down                                                                                                         |
| FREQUENCY - SWITCHING            | 850kHz                                                                                                            |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Adjustable 1.22V 1 Output 3A 8-SOIC (0.154", 3.90mm Width) Exposed Pad       |
| CURRENT - OUTPUT                 | 3A                                                                                                                |
| BASE PART NUMBER                 | ST1S14                                                                                                            |

Related Tags

|                              |                              |                                  |
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| STMicroelectronics ST1S14PHR | ST1S14PHR Distributor        | ST1S14PHR Supplier               |
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Related Products

|                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>ST1S15TPUR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG BUCK 1.82V 0.5A SYNC 6DFN<br/>In stock: Out stock<br/><div>RFQ</div></div>     |  <div><b>ST1S10PURDEMOBO</b><br/>Manufacturers: STMicroelectronics<br/>Description: DEMO BOARD FOR ST1S10PUR DFN8<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>ST1S32PUR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG BUCK ADJ 4A SYNC 8VDFPN<br/>In stock: Out stock<br/><div>RFQ</div></div>        |  <div><b>ST1S31PUR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG BUCK ADJ 3A SYNC 8VDFPN<br/>In stock: Out stock<br/><div>RFQ</div></div>      |
|  <div><b>ST1S10PHRDEMOBO</b><br/>Manufacturers: STMicroelectronics<br/>Description: DEMO BOARD FOR ST1S10PHR PWRSO8<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>ST1S10PUR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG BUCK ADJ 3A SYNC DFN8<br/>In stock: Out stock<br/><div>RFQ</div></div>        |
|  <div><b>ST1S31D-R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG BUCK ADJ 3A SYNC 8SO<br/>In stock: Out stock<br/><div>RFQ</div></div>           |  <div><b>ST1S12G12R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG BCK 1.2V 0.7A SYNC TSOT23<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>ST1S30IPUR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG BUCK ADJ 3A SYNC 8DFN<br/>In stock: Out stock<br/><div>RFQ</div></div>         |  <div><b>ST1S12GR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG BUCK ADJ 0.7A SYNC TSOT23<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
|  <div><b>ST1S15J18R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG BUCK 1.82V 0.5A 6FLIPCHIP<br/>In stock: Out stock<br/><div>RFQ</div></div>     |  <div><b>ST1S12G18R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG BCK 1.8V 0.7A SYNC TSOT23<br/>In stock: Out stock<br/><div>RFQ</div></div>   |