





Semtech




SC1565IS-1.8TRT

|                     |  |
|---------------------|--|
| Part Number:        | SC1565IS-1.8TRT  |
| Manufacturer/Brand: | Semtech  |
| Product description | IC REG LINEAR 1.8V 1.5A 8SO  |
| Datasheets:         |  SC1565IS-1.8TRT.pdf        |
| 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 SC1565IS-1.8TRT

|                                  |   |
|----------------------------------|---|
| PART NUMBER                      | SC1565IS-1.8TRT   |
| MANUFACTURER                     | Semtech   |
| DESCRIPTION                      | IC REG LINEAR 1.8V 1.5A 8SO   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant  |
| DATA SHEET                       |  SC1565IS-1.8TRT.pdf |
| VOLTAGE DROPOUT (MAX)            | 0.6V @ 1.5A   |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 1.8V  |
| VOLTAGE - OUTPUT (MAX)           | -   |
| VOLTAGE - INPUT (MAX)            | 5.5V  |
| SUPPLIER DEVICE PACKAGE          | 8-SO  |
| SERIES                           | -   |
| PROTECTION FEATURES              | Over Current, Over Temperature  |
| PACKAGING                        | Cut Tape (CT)   |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)   |
| PSRR                             | -   |
| OUTPUT TYPE                      | Fixed   |
| OUTPUT CONFIGURATION             | Positive  |
| OTHER NAMES                      | SC1565IS-1.8CT<br>SC1565IS-1.8CT-ND<br>SC1565IS-1.8TRTCT  |
| OPERATING TEMPERATURE            | -40°C ~ 150°C   |
| NUMBER OF REGULATORS             | 1   |
| MOUNTING TYPE                    | Surface Mount   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant  |
| DETAILED DESCRIPTION             | Linear Voltage Regulator IC Positive Fixed 1 Output 1.8V 1.5A 8-SO                                      |
| CURRENT - SUPPLY (MAX)           | 1.75mA  |
| CURRENT - QUIESCENT (IQ)         | 35µA  |
| CURRENT - OUTPUT                 | 1.5A  |
| CONTROL FEATURES                 | Enable  |

Related Tags

|                               |                                     |  |
|-------------------------------|-------------------------------------|--|
| Semtech SC1565IS-1.8TRT       | SC1565IS-1.8TRT Distributor         | SC1565IS-1.8TRT Supplier                 |
| SC1565IS-1.8TRT Price         | SC1565IS-1.8TRT Pictures            | SC1565IS-1.8TRT Image                    |
| SC1565IS-1.8TRT PDF Datasheet | SC1565IS-1.8TRT Download Datasheet  | SC1565IS-1.8TRT Datasheet                |
| SC1565IS-1.8TRT Stock         | Buy SC1565IS-1.8TRT                 | Buy Semtech SC1565IS-1.8TRT              |
| Semtech SC1565IS-1.8TRT       | Semtech Supplier                    | Semtech Distributor                      |
| Semtech SC1565IS-1.8TRT       | Semtech Corporation SC1565IS-1.8TRT | SEMTECH ELECTRONICS LTD. SC1565IS-1.8TRT |

Related Products

|   |   |
|---|---|
|  <div><b>SC1563ISK3.0TRT</b><br/>Manufacturers: Semtech<br/>Description: IC REG LINEAR 3V 500MA SOT23-5<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>SC1566I5M2.5TRT</b><br/>Manufacturers: Semtech<br/>Description: IC REG LINEAR 2.5V 3A TO263-5<br/>In stock: 800 pcs<br/>RFQ</div>     |
|  <div><b>SC1565IM-2.5TRT</b><br/>Manufacturers: Semtech<br/>Description: IC REG LINEAR 2.5V 1.5A TO263<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>SC1565I5M1.8TRT</b><br/>Manufacturers: Semtech<br/>Description: IC REG LINEAR 1.8V 1.5A TO263-5<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>SC1565IS-2.5TRT</b><br/>Manufacturers: Semtech<br/>Description: IC REG LINEAR 2.5V 1.5A 8SO<br/>In stock: Out stock<br/>RFQ</div>      |  <div><b>SC1565I5M2.5TRT</b><br/>Manufacturers: Semtech<br/>Description: IC REG LINEAR 2.5V 1.5A TO263-5<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>SC1563ISK3.3TRT</b><br/>Manufacturers: Semtech<br/>Description: IC REG LINEAR 3.3V 500MA SOT23-5<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>SC1565IT-2.5T</b><br/>Manufacturers: Semtech<br/>Description: IC REG LINEAR 2.5V 1.5A TO220-3<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>SC1566I5M1.8TRT</b><br/>Manufacturers: Semtech<br/>Description: IC REG LINEAR 1.8V 3A TO263-5<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>SC1565IST25TRT</b><br/>Manufacturers: Semtech<br/>Description: IC REG LINEAR 2.5V 1.5A SOT223-3<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>SC1565IM-1.8TRT</b><br/>Manufacturers: Semtech<br/>Description: IC REGULATOR TO-263<br/>In stock: Out stock<br/>RFQ</div>              |  <div><b>SC1565IST18TRT</b><br/>Manufacturers: Semtech<br/>Description: IC REG LINEAR 1.8V 1.5A SOT223-3<br/>In stock: Out stock<br/>RFQ</div> |