




STMPS2242MTR

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|---------------------|--|
| Part Number:        | STMPS2242MTR   |
| Manufacturer/Brand: | STMicroelectronics   |
| Product description | IC DUAL POWER SWITCH 500MA 8SO   |
| Datasheets:         | <a href="#">PDF</a> STMPS2242MTR.pdf   |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong  |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS  |

REQUEST FOR QUOTATION

Specifications of STMPS2242MTR

|                                  |   |
|----------------------------------|---|
| PART NUMBER                      | STMPS2242MTR  |
| MANUFACTURER                     | STMicroelectronics  |
| DESCRIPTION                      | IC DUAL POWER SWITCH 500MA 8SO                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant  |
| DATA SHEET                       | <a href="#">PDF</a> STMPS2242MTR.pdf                              |
| VOLTAGE - SUPPLY (VCC/VDD)       | Not Required  |
| VOLTAGE - LOAD                   | 2.7 V ~ 5.5 V   |
| SWITCH TYPE                      | General Purpose   |
| SUPPLIER DEVICE PACKAGE          | 8-SO  |
| SERIES                           | -   |
| RDS ON (TYP)                     | 105 mOhm  |
| RATIO - INPUT:OUTPUT             | 1:2   |
| PACKAGING                        | Original-Reel®  |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                     |
| OUTPUT TYPE                      | -   |
| OUTPUT CONFIGURATION             | High Side   |
| OTHER NAMES                      | 497-10329-6   |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)  |
| NUMBER OF OUTPUTS                | 2   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant  |
| INTERFACE                        | On/Off  |
| INPUT TYPE                       | Non-Inverting   |
| FEATURES                         | -   |
| FAULT PROTECTION                 | Current Limiting (Fixed), Over Temperature, Reverse Current, UVLO |
| CURRENT - OUTPUT (MAX)           | 500mA   |
| BASE PART NUMBER                 | STMPS2242   |

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|  <div><b>STMPS2161STR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC PWR SWITCH 1CH 1000MA SOT23-5<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>STMPS2272MTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DUAL POWER SWITCH 1A 8SO<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>     |
|  <div><b>STMPS2242TTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DUAL POWER SWITCH 500MA 8MSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>STMPS2252TTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC HIGH SIDE SWITCH 500MA 8MSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
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|  <div><b>STMPS2171STR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC PWR SWITCH 1CH 1000MA SOT23-5<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>STMPS2161MTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC PWR SWITCH 1CH 1000MA 8-SOIC<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |