

MIC2545A-1YTS-TR



Part Number: [MIC2545A-1YTS-TR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC SW CURR LIMIT HI SIDE 14TSSOP

Data sheet:  [MIC2545A, MIC2549A](#)

RoHs Status: Lead free / RoHS Compliant

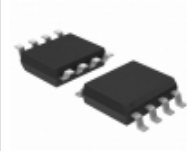
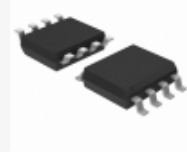
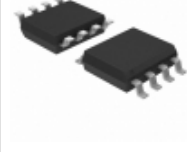
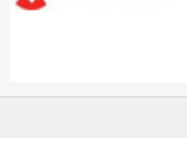
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                  |                                  |                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------|------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | MIC2545A-1YTS-TR                                                                 | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC SW CURR LIMIT HI SIDE 14TSSOP                                                 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 38587 pcs                                                                        | Data sheet                       | <a href="#">MIC2545A, MIC2549A</a>                               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                                        | Voltage - Supply (Vcc/Vdd)       | Not Required                                                     |
| Voltage - Load                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2.7 V ~ 5.5 V                                                                    | Switch Type                      | USB Switch                                                       |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 14-TSSOP                                                                         | Series                           | -                                                                |
| Rds On (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 35 mOhm                                                                          | Ratio - Input:Output             | 1:1                                                              |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Tape & Reel (TR)                                                                 | Package / Case                   | 14-TSSOP (0.173", 4.40mm Width)                                  |
| Output Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | N-Channel                                                                        | Output Configuration             | High Side                                                        |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | MIC2545A-1YTS TR<br>MIC2545A-1YTS TR-ND<br>MIC2545A-1YTSTR<br>MIC2545A-1YTSTR-ND | Operating Temperature            | -40°C ~ 85°C (TA)                                                |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1                                                                                | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                    |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4 Weeks                                                                          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                       |
| Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | On/Off                                                                           | Input Type                       | Non-Inverting                                                    |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Slew Rate Controlled, Status Flag                                                | Fault Protection                 | Current Limiting (Adjustable), Over Temperature, Reverse Current |
| Current - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3A                                                                               | Base Part Number                 | MIC2545A                                                         |
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|  | Part#: <a href="#">MIC2545A-2YM</a><br>Description: IC SW CURR LIMIT HI SIDE 8-SOP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MIC2545A-2YN</a><br>Description: IC SW CURR LIMIT HI SIDE             | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC2545A-2BN</a><br>Description: IC SW CURR LIMIT HI SIDE 8-DIP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC2545A-1BM</a><br>Description: IC SW CURR LIMIT HI SIDE 8-SOP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC2545A-1BTS-TR</a><br>Description: IC SW CURR LIMIT HI SIDE 14TSSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC2545A-1BTS</a><br>Description: IC SW CURR LIMIT HI SIDE 14TSSOP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MIC2545A-1YN</a><br>Description: IC SW CURR LIMIT HI SIDE             | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MIC2544A-2YMM-TR</a><br>Description: IC SW CURR LIMIT HI SIDE 8MSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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Related keywords for MIC2545A-1YTS-TR

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