

MIC2549A-2YTS



**Part Number:** [MIC2549A-2YTS](#)

**Manufacturer:** [Micrel / Microchip Technology](#)

**Description:** IC SW CURR LIMIT HI SIDE 14TSSOP

**Data sheet:**  [MIC2545A, MIC2549A](#)

**RoHs Status:** Lead free / RoHS Compliant

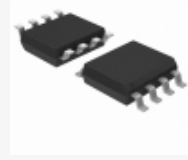
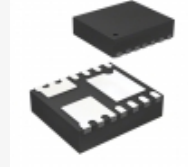
**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                  |                                 |                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|---------------------------------|-----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                            | MIC2549A-2YTS                                                    | 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                                                                                                                                                                                                                                                                                                                                                                                                                     | 35518 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                                                                                                                                                                                                                                                                                                                                                                                                                              | Tube                                                             | Package / Case                  | 14-TSSOP (0.173", 4.40mm Width)               |
| Output Type                                                                                                                                                                                                                                                                                                                                                                                                                            | N-Channel                                                        | Output Configuration            | High Side                                     |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                       | MIC2549A                                                         |                                 |                                               |
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|  | Part#: <a href="#">MIC2549A-1YTS-TR</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="#">MIC2550AYTS</a><br>Description: IC USB TRANSCEIVER 14-TSSOP           | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC2550AYML-TR</a><br>Description: IC USB TRANSCEIVER 16-MLF          | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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Related keywords for MIC2549A-2YTS

|                                             |                                    |                                                      |                     |
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| MIC2549A-2YTS download datasheet            | MIC2549A-2YTS datasheet            | MIC2549A-2YTS stock                                  | buy MIC2549A-2YTS   |
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