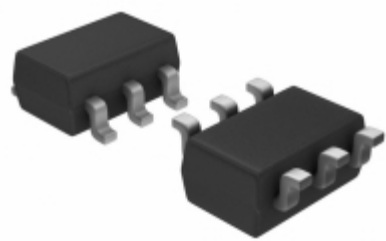


MIC2006-0.5YM6-TR





Part Number: [MIC2006-0.5YM6-TR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC DISTRIBUTION SW 0.5A SOT23-6

Data sheet:  [MIC20xx Family](#)

RoHs Status: Lead free / RoHS Compliant

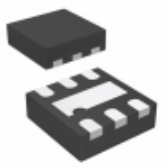
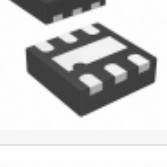
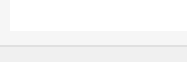
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy MIC2006-0.5YM6-TR with confidence from  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                      |                                  |                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------|-----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | MIC2006-0.5YM6-TR                                                                    | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC DISTRIBUTION SW 0.5A SOT23-6                                                      | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 5664 pcs                                                                             | Data sheet                       | <a href="#">MIC20xx Family</a>                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                                            | Voltage - Supply (Vcc/Vdd)       | Not Required                                  |
| Voltage - Load                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2.5 V ~ 5.5 V                                                                        | Switch Type                      | General Purpose                               |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | SOT-23-6                                                                             | Series                           | -                                             |
| Rds On (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 70 mOhm                                                                              | Ratio - Input:Output             | 1:1                                           |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Tape & Reel (TR)                                                                     | Package / Case                   | SOT-23-6                                      |
| Output Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | P-Channel                                                                            | Output Configuration             | High Side                                     |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | MIC2006-0.5YM6 TR<br>MIC2006-0.5YM6 TR-ND<br>MIC2006-0.5YM6TR<br>MIC2006-0.5YM6TR-ND | Operating Temperature            | -40°C ~ 85°C (TA)                             |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1                                                                                    | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                 |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Lead free / RoHS Compliant                                                           | Interface                        | On/Off                                        |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Non-Inverting                                                                        | Features                         | Slew Rate Controlled                          |
| Fault Protection                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Current Limiting (Fixed), Over Temperature, UVLO                                     | Current - Output (Max)           | 500mA                                         |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | MIC2006                                                                              |                                  |                                               |
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|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
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|  | Part#: <a href="#">MIC2005A-2YM5-TR</a><br>Description: IC PWR SWITCH ACTIVE LOW SOT23-5 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC2006-1.2YM6-TR</a><br>Description: IC DISTRIBUTION SW 1.2A SOT23-6 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC2006-0.5YM6</a><br>Description: IC DISTRIBUTION SW 0.5A SOT23-6    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC2005A-1YM5-TR</a><br>Description: IC PWR SWITCH ACTIVE HI SOT23-5  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC2006-0.8YML-TR</a><br>Description: IC DISTRIBUTION SW 0.8A 6-MLF   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC2005-1.2YML-TR</a><br>Description: IC DISTRIBUTION SW 1.2A 6-MLF   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC2005A-1YM6-TR</a><br>Description: IC PWR SWITCH ACTIVE HI SOT23-6  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC2005.V</a><br>Description: FUSE AUTO 5A 32VDC BLADE MICRO          | Manufacturers: <a href="#">Hamlin / Littelfuse</a>           | <div>RFQ</div> |
|  | Part#: <a href="#">MIC2005A-2YM6-TR</a><br>Description: IC PWR SWITCH ACTIVE LOW SOT23-6 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC2005-1.2YM6TX</a><br>Description: IC DISTRIBUTION SW 1.2A SOT23-6  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC2006-0.5YML-TR</a><br>Description: IC DISTRIBUTION SW 0.5A 6-MLF   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC2006-1.2YM6TX</a><br>Description: IC DISTRIBUTION SW 1.2A SOT23-6  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC2006-0.8YM6TX</a><br>Description: IC DISTRIBUTION SW 0.8A SOT23-6  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC2005-1.2YM6-TR</a><br>Description: IC DISTRIBUTION SW 1.2A SOT23-6 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC2006-0.5YM6TX</a><br>Description: IC DISTRIBUTION SW 0.5A SOT23-6  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC2006-1.2YM6</a><br>Description: IC DISTRIBUTION SW 1.2A SOT23-6    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC2006-0.8YM6-TR</a><br>Description: IC DISTRIBUTION SW 0.8A SOT23-6 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC2006-0.8YM6</a><br>Description: IC DISTRIBUTION SW 0.8A SOT23-6    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC2005.VP</a><br>Description: FUSE AUTO 5A 32VDC BLADE MICRO         | Manufacturers: <a href="#">Hamlin / Littelfuse</a>           | <div>RFQ</div> |

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