

MIC94071YC6-TR





Part Number: [MIC94071YC6-TR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC POWER SWITCH HI SIDE SC70-6

Data sheet:  [MIC94070-73](#)

RoHs Status: Lead free / RoHS Compliant

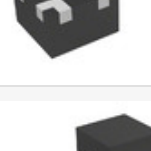
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                               |                                  |                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|----------------------------------|-----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | MIC94071YC6-TR                                | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC POWER SWITCH HI SIDE SC70-6                | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 226627 pcs                                    | Data sheet                       | <a href="#">MIC94070-73</a>                   |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a>     | Voltage - Supply (Vcc/Vdd)       | Not Required                                  |
| Voltage - Load                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1.7 V ~ 5.5 V                                 | Switch Type                      | General Purpose                               |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | SC-70-6                                       | Series                           | -                                             |
| Rds On (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 120 mOhm                                      | Ratio - Input:Output             | 1:1                                           |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Tape & Reel (TR)                              | Package / Case                   | 6-TSSOP, SC-88, SOT-363                       |
| Output Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | P-Channel                                     | Output Configuration             | High Side                                     |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 576-3042-2<br>MIC94071YC6 TR<br>MIC94071YC6TR | Operating Temperature            | -40°C ~ 125°C (TJ)                            |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1                                             | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                 |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 6 Weeks                                       | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                    |
| Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | On/Off                                        | Input Type                       | Non-Inverting                                 |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Load Discharge                                | Fault Protection                 | -                                             |
| Current - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1.2A                                          | Base Part Number                 | MIC94071                                      |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                              |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MIC94066YML-TR</a><br>Description: IC PWR SWITCH DUAL HI SIDE 8-MLF | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC94072YMT-TR</a><br>Description: IC POWER SWITCH 4-TMLF           | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC94064YC6-TR</a><br>Description: IC POWER SWITCH HI SIDE SC70-6   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC94073YMT-TR</a><br>Description: IC POWER SWITCH HI SIDE 4-TMLF   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC94071YMT-TR</a><br>Description: IC POWER SWITCH HI SIDE 4-TMLF   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC94081YFT-TR</a><br>Description: IC LOAD SWITCH HI SIDE 2A 4-TMLF | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC94065YMT-TR</a><br>Description: IC POWER SWITCH HI SIDE 4-TMLF   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC94069YML-TR</a><br>Description: IC PWR SWITCH DUAL HI SIDE 8-MLF | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC94072YC6-TR</a><br>Description: IC POWER SWITCH HI SIDE SC70-6   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MIC94070YC6-TR</a><br>Description: IC POWER SWITCH HI SIDE SC70-6   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC94084YFT-TR</a><br>Description: IC LOAD SWITCH HI SIDE 2A 4-TMLF | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC94067YML-TR</a><br>Description: IC PWR SWITCH DUAL HI SIDE 8-MLF | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC94073YC6-TR</a><br>Description: IC POWER SWITCH HI SIDE SC70-6   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC94068YML-TR</a><br>Description: IC PWR SWITCH DUAL HI SIDE 8-MLF | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC94083YFT-TR</a><br>Description: IC LOAD SWITCH HI SIDE 2A 4-TMLF | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC94064YMT-TR</a><br>Description: IC POWER SWITCH HI SIDE 4-TMLF   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC94065YC6-TR</a><br>Description: IC POWER SWITCH HI SIDE SC70-6   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC94082YFT-TR</a><br>Description: IC LOAD SWITCH HI SIDE 2A 4-TMLF | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC94080YFT-TR</a><br>Description: IC LOAD SWITCH HI SIDE 2A 4-TMLF | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

|                                              |                                     |                                        |                      |
|----------------------------------------------|-------------------------------------|----------------------------------------|----------------------|
| Related keywords for MIC94071YC6-TR          |                                     |                                        |                      |
| Micrel / Microchip Technology MIC94071YC6-TR | MIC94071YC6-TR distributor          | MIC94071YC6-TR supplier                | MIC94071YC6-TR price |
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