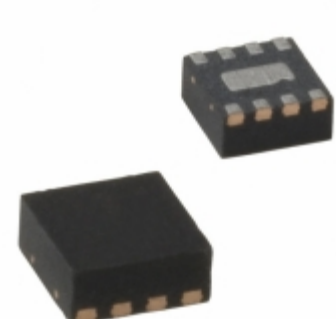


## MIC2296YML-TR



Images are for reference only.  
See Product Specifications for product details.  
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**Part Number:** [MIC2296YML-TR](#)  
**Manufacturer:** [Micrel / Microchip Technology](#)  
**Description:** IC REG BOOST ADJ 1.2A 8MLF  
**Data sheet:** [PDF MIC2296](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

### PRODUCT PARAMETER

|  |  |   |   |
|--|--|---|---|
| <b>Part Number</b>                     | MIC2296YML-TR  | <b>Manufacturer</b>                     | <a href="#">Micrel / Microchip Technology</a> |
| <b>Description</b>                     | IC REG BOOST ADJ 1.2A 8MLF   | <b>Lead Free Status / RoHS Status</b>   | Lead free / RoHS Compliant                    |
| <b>Quantity Available</b>              | 86780 pcs  | <b>Data sheet</b>                       | <a href="#">MIC2296</a>                       |
| <b>Category</b>                        | <a href="#">Integrated Circuits (ICs)</a>  | <b>Voltage - Output (Min/Fixed)</b>     | 2.5V  |
| <b>Voltage - Output (Max)</b>          | 34V (Switch)   | <b>Voltage - Input (Min)</b>            | 2.5V  |
| <b>Voltage - Input (Max)</b>           | 10V  | <b>Topology</b>                         | Boost   |
| <b>Synchronous Rectifier</b>           | No   | <b>Supplier Device Package</b>          | 8-MLF® (2x2)                                  |
| <b>Series</b>                          | -  | <b>Packaging</b>                        | Cut Tape (CT)                                 |
| <b>Package / Case</b>                  | 8-VDFDN Exposed Pad, 8-MLF®  | <b>Output Type</b>                      | Adjustable                                    |
| <b>Output Configuration</b>            | Positive   | <b>Other Names</b>                      | 576-2660-1                                    |
| <b>Operating Temperature</b>           | -40°C ~ 125°C (TJ)   | <b>Number of Outputs</b>                | 1   |
| <b>Mounting Type</b>                   | Surface Mount  | <b>Moisture Sensitivity Level (MSL)</b> | 1 (Unlimited)                                 |
| <b>Manufacturer Standard Lead Time</b> | 6 Weeks  | <b>Lead Free Status / RoHS Status</b>   | Lead free / RoHS Compliant                    |
| <b>Function</b>                        | Step-Up  | <b>Frequency - Switching</b>            | 600kHz  |
| <b>Detailed Description</b>            | Boost Switching Regulator IC Positive Adjustable 2.5V 1 Output 1.2A (Switch) 8-VDFDN Exposed Pad, 8-MLF® | <b>Current - Output</b>                 | 1.2A (Switch)                                 |
| <b>Base Part Number</b>                | MIC2296  |   |   |

Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 86780 pieces of Micrel / Microchip Technology MIC2296YML-TR in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.  
RFQ Email: [info@Components-World.com](mailto:info@Components-World.com)

### RELATED PRODUCTS

|  |   |   |                     |
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|  | <b>Part#:</b> <a href="#">MIC2297-38YML-TR</a><br><b>Description:</b> IC LED DRVR RGLTR DIM 1.2A 10MLF  | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">MIC2295BD5-TR</a><br><b>Description:</b> IC REG BOOST ADJ 1.2A TSOT23-5       | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">MIC2296BML-TR</a><br><b>Description:</b> IC REG BOOST ADJ 1.2A 8MLF           | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">MIC2295YD5-TR</a><br><b>Description:</b> IC REG BOOST ADJ 1.2A TSOT23-5       | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">MIC23030-CYMT-TR</a><br><b>Description:</b> IC REG BUCK 1V 0.4A SYNC 6TMLF    | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">MIC2296BD5-TR</a><br><b>Description:</b> IC REG BOOST ADJ 1.2A TSOT23-5       | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">MIC2296YD5-TR</a><br><b>Description:</b> IC REG BOOST ADJ 1.2A TSOT23-5       | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">MIC2298-15YML-TR</a><br><b>Description:</b> IC LED DRVR RGLTR DIM 3.5A 12MLF  | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">MIC2295YML-TR</a><br><b>Description:</b> IC REG BOOST ADJ 1.2A 8MLF           | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">MIC23030-AYMT-TR</a><br><b>Description:</b> IC REG BUCK ADJ 0.4A SYNC 6TMLF   | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">MIC2295BD5</a><br><b>Description:</b> IC REG BOOST ADJ 1.2A TSOT23-5          | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">MIC2299-15YML-TR</a><br><b>Description:</b> IC LED DRVR RGLTR DIM 3.5A 12MLF  | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">MIC23030-FYMT-TR</a><br><b>Description:</b> IC REG BUCK 1.5V 0.4A SYNC 6TMLF  | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">MIC2297-15YML-TR</a><br><b>Description:</b> IC LED DRIVER RGLTR DIM 10MLF     | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">MIC22950YML-TR</a><br><b>Description:</b> IC REG BUCK ADJ 10A SYNC 32MLF      | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">MIC2297-42YML-EV</a><br><b>Description:</b> BOARD EVAL FOR MIC2297-42YML      | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">MIC2293C-34YML-TR</a><br><b>Description:</b> IC LED DRVR RGLTR DIM 750MA 8MLF | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">MIC2295BML-TR</a><br><b>Description:</b> IC REG BOOST ADJ 1.2A 8MLF           | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">MIC2297-42YML-TR</a><br><b>Description:</b> IC LED DRVR RGLTR DIM 1.2A 10MLF  | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">MIC23030-4YMT-TR</a><br><b>Description:</b> IC REG BUCK 1.2V 0.4A SYNC 6TMLF  | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |

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