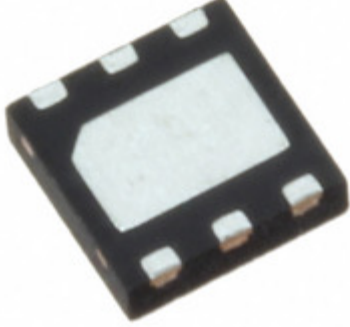


MAX5078BATT/V+T





Part Number: [MAX5078BATT/V+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC MOSFET DVR 4A 20NS 6-TDFN

Data sheet:  [MAX5078](#)  
 [Part Numbering System](#)

RoHS Status: Lead free / RoHS Compliant

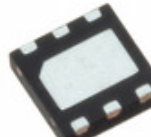
Ship From: Hong Kong

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                                                                                                                                                                                                                                                                                                                                                                                                                                                  | MAX5078BATT/V+T                                                  | Manufacturer                         | <a href="#">Maxim Integrated</a>                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC MOSFET DVR 4A 20NS 6-TDFN                                     | Lead Free Status / RoHS Status       | Lead free / RoHS Compliant                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                           | 5504 pcs                                                         | Data sheet                           | <a href="#">MAX5078</a><br><a href="#">Part Numbering System</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a>                        | Voltage - Supply                     | 4 V ~ 15 V                                                       |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                      | 6-TDFN-EP (3x3)                                                  | Series                               | Automotive, AEC-Q100                                             |
| Rise / Fall Time (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                       | 32ns, 26ns                                                       | Packaging                            | Tape & Reel (TR)                                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                               | 6-WDFN Exposed Pad                                               | Operating Temperature                | -40°C ~ 150°C (TJ)                                               |
| Number of Drivers                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1                                                                | Mounting Type                        | Surface Mount                                                    |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                             | 1 (Unlimited)                                                    | Logic Voltage - VIL, VIH             | 0.8V, 2.1V                                                       |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                               | Lead free / RoHS Compliant                                       | Input Type                           | Inverting, Non-Inverting                                         |
| Gate Type                                                                                                                                                                                                                                                                                                                                                                                                                                                    | N-Channel MOSFET                                                 | Driven Configuration                 | Low-Side                                                         |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                         | Low-Side Gate Driver IC Inverting, Non-Inverting 6-TDFN-EP (3x3) | Current - Peak Output (Source, Sink) | 4A, 4A                                                           |
| Channel Type                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Single                                                           | Base Part Number                     | MAX5078                                                          |
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| RELATED PRODUCTS                                                                   |                                                                                    |                                                 |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------|----------------|
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|  | Part#: <a href="#">MAX507ACWG+T</a><br>Description: IC DAC 12BIT W/REF 24-SOIC     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5079EUD+</a><br>Description: IC OR CTRLR N+1 14TSSOP         | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5077AUD+T</a><br>Description: IC DRVR FET P-P 14-TSSOP       | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX507ACWG</a><br>Description: IC DAC V-OUT 12BIT W/REF 24-SOIC | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5079EVKIT</a><br>Description: EVAL KIT FOR MAX5079           | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5077AUD+</a><br>Description: IC DRVR FET P-P 14-TSSOP        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5078BATT-T</a><br>Description: IC MOSFET DRIVER 6-TDFN       | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX507AEENG</a><br>Description: IC DAC V-OUT 12BIT W/REF 24-DIP | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5078AATT-T</a><br>Description: IC MOSFET DRIVER 6-TDFN       | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX507AEENG+</a><br>Description: IC DAC 12BIT W/REF 24-DIP      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX507ACWG+</a><br>Description: IC DAC 12BIT W/REF 24-SOIC      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5077AUD-T</a><br>Description: IC DRIVER FET P-P 14-TSSOP     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5079EUD+T</a><br>Description: IC OR CTRLR N+1 14TSSOP        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5075CAUA</a><br>Description: IC DRIVER FET P-P 8-UMAX        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5077AUD</a><br>Description: IC DRVR FET P-P 14-TSSOP         | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5078AATT+T</a><br>Description: IC MOSFET DRIVER 6-TDFN       | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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