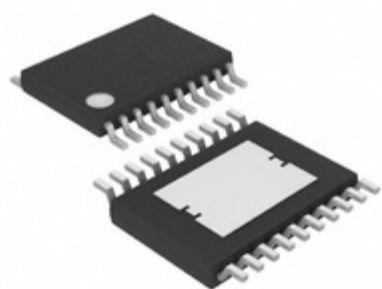


MAX16838AUP/V+T



Images are for reference only.  
See Product Specifications for product details.  
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maxim  
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Part Number: [MAX16838AUP/V+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC LED DRIVER RGLTR DIM 20TSSOP

Data sheet:  [MAX16838](#)  
 [Part Numbering System](#)

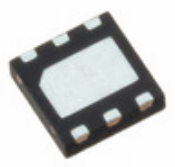
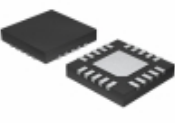
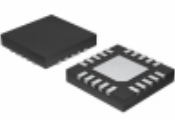
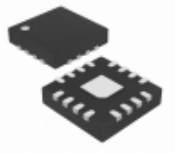
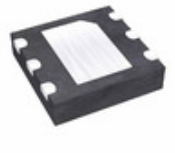
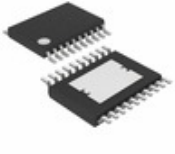
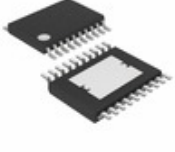
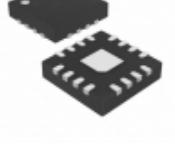
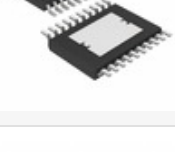
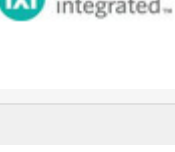
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                           |                                  |                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                   | MAX16838AUP/V+T                           | Manufacturer                     | <a href="#">Maxim Integrated</a>                                                                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC LED DRIVER RGLTR DIM 20TSSOP           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                            | 32877 pcs                                 | Data sheet                       | <a href="#">MAX16838</a><br><a href="#">Part Numbering System</a>                                             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Min)           | 4.75V                                                                                                         |
| Voltage - Supply (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                        | 40V                                       | Voltage - Output                 | 39.5V                                                                                                         |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                                          | DC DC Regulator                           | Topology                         | SEPIC, Step-Down (Buck), Step-Up (Boost)                                                                      |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                       | 20-TSSOP-EP                               | Series                           | Automotive, AEC-Q100                                                                                          |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Tape & Reel (TR)                          | Package / Case                   | 20-TSSOP (0.173", 4.40mm Width) Exposed Pad                                                                   |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                         | -40°C ~ 125°C (TJ)                        | Number of Outputs                | 2                                                                                                             |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Surface Mount                             | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                 |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                               | 6 Weeks                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                    |
| Internal Switch(s)                                                                                                                                                                                                                                                                                                                                                                                                                                            | Yes                                       | Frequency                        | 200kHz ~ 2MHz                                                                                                 |
| Dimming                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PWM                                       | Detailed Description             | LED Driver IC 2 Output DC DC Regulator SEPIC, Step-Down (Buck), Step-Up (Boost) PWM Dimming 150mA 20-TSSOP-EP |
| Current - Output / Channel                                                                                                                                                                                                                                                                                                                                                                                                                                    | 150mA                                     | Base Part Number                 | MAX16838                                                                                                      |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Automotive, Backlight                     |                                  |                                                                                                               |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Maxim Integrated series electronic components. We have 32877 pieces of Maxim Integrated MAX16838AUP/V+T in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                  |                                                                                                               |

| RELATED PRODUCTS                                                                   |                                                                                        |                                                 |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------|----------------|
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|  | Part#: <a href="#">MAX16838ATP+T</a><br>Description: IC LED DRIVER RGLTR DIM 20TQFN    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX16838ATP+</a><br>Description: IC LED DRIVER RGLTR DIM 20TQFN     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX16836EVKIT+</a><br>Description: KIT EVAL FOR MAZ16832 LED DRIVER | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX16836ATE+T</a><br>Description: IC LED DRV'R LIN DIM 350MA 16TQFN | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX16839ATTV+T</a><br>Description: IC LED DRV'R LIN DIM 100MA 6TDFN | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX16838AUP+</a><br>Description: IC LED DRIVER RGLTR DIM 20TSSOP    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX16838BAUP+</a><br>Description: IC LED DRIVER RGLTR DIM 20TSSOP   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX16838AUP+T</a><br>Description: IC LED DRIVER RGLTR DIM 20TSSOP   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX16839ASA+</a><br>Description: IC LED DRV'R LIN DIM 100MA 8SOIC   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1683EUK+T</a><br>Description: IC REG SWITCHD CAP 2VIN SOT23      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX16836ASA+T</a><br>Description: IC LED DRV'R LIN DIM 350MA 8SOIC  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX16839EVKIT+</a><br>Description: KIT EVAL FOR MAX16839            | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX16838AUP/V+</a><br>Description: IC LED DRIVER RGLTR DIM 20TSSOP  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1683EUK-T</a><br>Description: IC REG SWITCHD CAP 2VIN SOT23      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX16839ATT+T</a><br>Description: IC LED DRV'R LIN DIM 100MA 6TDFN  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX16838BATP+</a><br>Description: IC LED DRIVER RGLTR DIM 14MFPS    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |

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