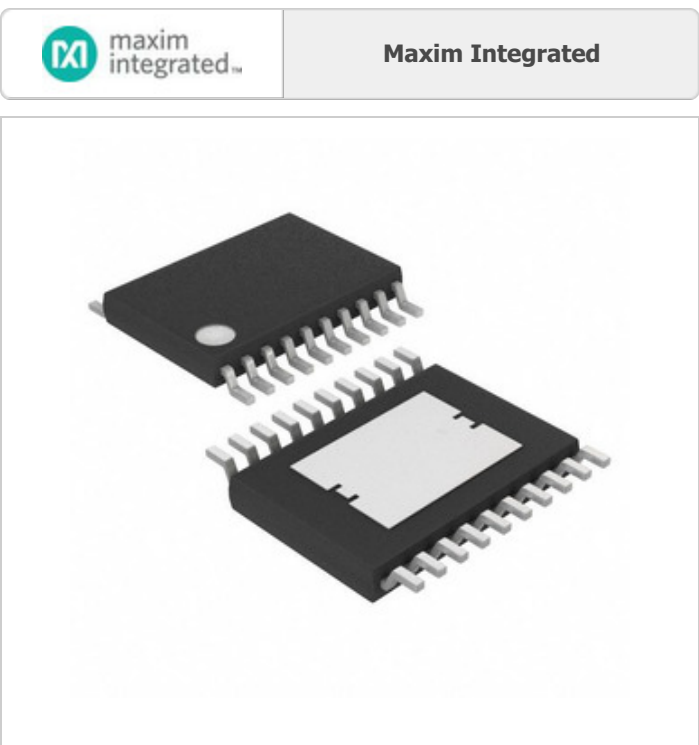




MAX16838AUP/V+

|                     |                                                                                                                                                                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MAX16838AUP/V+                                                                                                                                                                                                                              |
| Manufacturer/Brand: | Maxim Integrated                                                                                                                                                                                                                            |
| Product description | IC LED DRIVER RGLTR DIM 20TSSOP                                                                                                                                                                                                             |
| Datasheets:         | <div><div>1.MAX16838AUP/V+.pdf</div><div>2.MAX16838AUP/V+.pdf</div></div> |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                |
| Stock Condition     | 11283 pcs stock                                                                                                                                                                                                                             |
| Ship From           | Hong Kong                                                                                                                                                                                                                                   |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                       |

REQUEST FOR QUOTATION

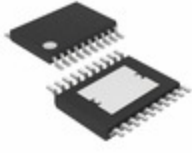
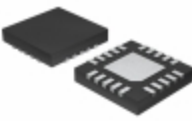
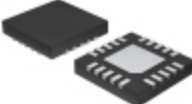
Specifications of MAX16838AUP/V+

|                                  |                                                                                                                                                                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MAX16838AUP/V+                                                                                                                                                                                                                                  |
| MANUFACTURER                     | Maxim Integrated                                                                                                                                                                                                                                |
| DESCRIPTION                      | IC LED DRIVER RGLTR DIM 20TSSOP                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                      |
| QUANTITY AVAILABLE               | 11283 pcs                                                                                                                                                                                                                                       |
| DATA SHEET                       | <div><div>1.MAX16838AUP/V+.pdf</div><div>2.MAX16838AUP/V+.pdf</div></div> |
| 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                        | Tube                                                                                                                                                                                                                                            |
| 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)                                                                                                                                                                                                                                   |
| 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                                                                                                                                                                                                                           |

Related Tags

|                                 |                                   |                                     |
|---------------------------------|-----------------------------------|-------------------------------------|
| Maxim Integrated MAX16838AUP/V+ | MAX16838AUP/V+ Distributor        | MAX16838AUP/V+ Supplier             |
| MAX16838AUP/V+ Price            | MAX16838AUP/V+ Pictures           | MAX16838AUP/V+ Image                |
| MAX16838AUP/V+ PDF Datasheet    | MAX16838AUP/V+ Download Datasheet | MAX16838AUP/V+ Datasheet            |
| MAX16838AUP/V+ Stock            | Buy MAX16838AUP/V+                | Buy Maxim Integrated MAX16838AUP/V+ |
| Maxim Integrated MAX16838AUP/V+ | Maxim Integrated Supplier         | Maxim Integrated Distributor        |
| Maxim Integrated MAX16838AUP/V+ |                                   |                                     |

Related Products

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MAX16836EVKIT+</b><br/>Manufacturers: Maxim Integrated<br/>Description: KIT EVAL FOR MAZ16832 LED DRIVER<br/>In stock: 2864 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>MAX16839ATT+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC LED DRVR LIN DIM 100MA 6TDFN<br/>In stock: 43715 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>MAX16839ASA+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC LED DRVR LIN DIM 100MA 8SOIC<br/>In stock: 50459 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>MAX16838ATP+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC LED DRIVER RGLTR DIM 20TQFN<br/>In stock: 38254 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>MAX16838BATP+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC LED DRIVER RGLTR DIM 14MFPS<br/>In stock: 6561 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>MAX16838AUP+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC LED DRIVER RGLTR DIM 20TSSOP<br/>In stock: 17008 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>MAX16838AUP+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC LED DRIVER RGLTR DIM 20TSSOP<br/>In stock: 6806 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>MAX16839ASA+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC LED DRVR LIN DIM 100MA 8SOIC<br/>In stock: 118082 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MAX16838BAUP+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC LED DRIVER RGLTR DIM 20TSSOP<br/>In stock: 6363 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>MAX16838ATP/V+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC LED DRIVER RGLTR DIM 20TQFN<br/>In stock: 28854 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MAX16838AUP/V+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC LED DRIVER RGLTR DIM 20TSSOP<br/>In stock: 31350 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MAX16838ATP+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC LED DRIVER RGLTR DIM 20TQFN<br/>In stock: 17247 pcs<br/><div>RFQ</div></div>    |