

MSL3080-IUR



Part Number: [MSL3080-IUR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC LED DRIVER CTRLR DIM 24VQFN

Data sheet:  [MSL3080 DataSheet](#)  
 [MSL30xx Programmers Guide](#)

RoHs Status: Lead free / RoHS Compliant

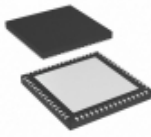
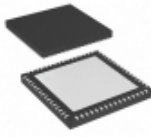
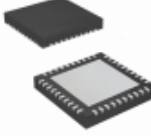
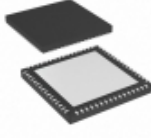
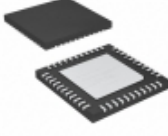
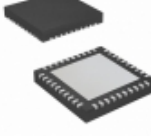
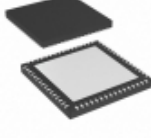
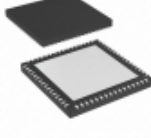
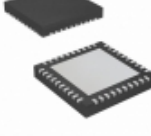
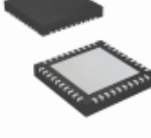
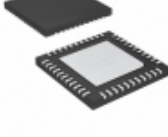
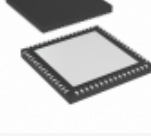
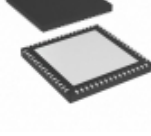
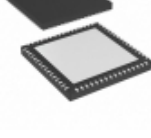
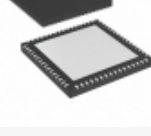
Ship From: Hong Kong

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Images are for reference only.  
See Product Specifications for product details.  
Buy MSL3080-IUR with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |                                |                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|----------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | MSL3080-IUR                               | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC LED DRIVER CTRLR DIM 24VQFN            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4609 pcs                                  | Data sheet                     | <a href="#">MSL3080 DataSheet</a><br><a href="#">MSL30xx Programmers Guide</a>         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Min)         | 4.5V                                                                                   |
| Voltage - Supply (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 5.5V                                      | Voltage - Output               | 40V                                                                                    |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | DC DC Controller                          | Topology                       | Step-Up (Boost)                                                                        |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 24-VQFN (4x4)                             | Series                         | -                                                                                      |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Tape & Reel (TR)                          | Package / Case                 | 24-VFQFN Exposed Pad                                                                   |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | MSL3080-IURTR<br>MSL3080IUR               | Operating Temperature          | -40°C ~ 85°C (TA)                                                                      |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8                                         | Mounting Type                  | Surface Mount                                                                          |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                             |
| Internal Switch(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | No                                        | Frequency                      | 665kHz                                                                                 |
| Dimming                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PWM                                       | Detailed Description           | LED Driver IC 8 Output DC DC Controller Step-Up (Boost) PWM Dimming 75mA 24-VQFN (4x4) |
| Current - Output / Channel                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 75mA                                      | Base Part Number               | MSL3080                                                                                |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Backlight                                 |                                |                                                                                        |
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| RELATED PRODUCTS                                                                   |                                                                                     |                                                              |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MSL2166-DU</a><br>Description: IC LED DRVR LIN DIM 350MA 64TQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSL2160DQ-R</a><br>Description: IC LED DRVR LIN DIM 350MA 64TQFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSL3162BT</a><br>Description: IC LED DRIVER OFFLINE DIM 40TQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSL3080-IU</a><br>Description: IC LED DRIVER CTRLR DIM 24VQFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSL2164-DUR</a><br>Description: IC LED DRVR LIN DIM 350MA 64TQFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSL3082CS</a><br>Description: IC LED DRVR LIN DIM 500MA 44QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSL3085BT-R</a><br>Description: IC LED DRVR LIN DIM 350MA 40TQFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSL2161DQ</a><br>Description: IC LED DRVR LIN DIM 350MA 64TQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSL2162DQ</a><br>Description: IC LED DRVR LIN DIM 350MA 64TQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSL3162BT-R</a><br>Description: IC LED DRIVER OFFLINE DIM 40TQFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSL3085BT</a><br>Description: IC LED DRVR LIN DIM 350MA 40TQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSL3086-IU</a><br>Description: IC LED DRIVER CTRLR DIM 24VQFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSL3086-IUR</a><br>Description: IC LED DRIVER CTRLR DIM 24VQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSL3082CS-R</a><br>Description: IC LED DRVR LIN DIM 500MA 44QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSL3088-IUR</a><br>Description: IC LED DRIVER CTRLR DIM 24VQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSL2164-DU</a><br>Description: IC LED DRVR LIN DIM 350MA 64TQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSL2166-DUR</a><br>Description: IC LED DRVR LIN DIM 350MA 64TQFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSL3088-IU</a><br>Description: IC LED DRIVER CTRLR DIM 24VQFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSL2162DQ-R</a><br>Description: IC LED DRVR LIN DIM 350MA 64TQFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSL2161DQ-R</a><br>Description: IC LED DRVR LIN DIM 350MA 64TQFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for MSL3080-IUR

|                                           |                                  |                                                    |                   |
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| MSL3080-IUR download datasheet            | MSL3080-IUR datasheet            | MSL3080-IUR stock                                  | buy MSL3080-IUR   |
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