



NXP Semiconductors / Freescale

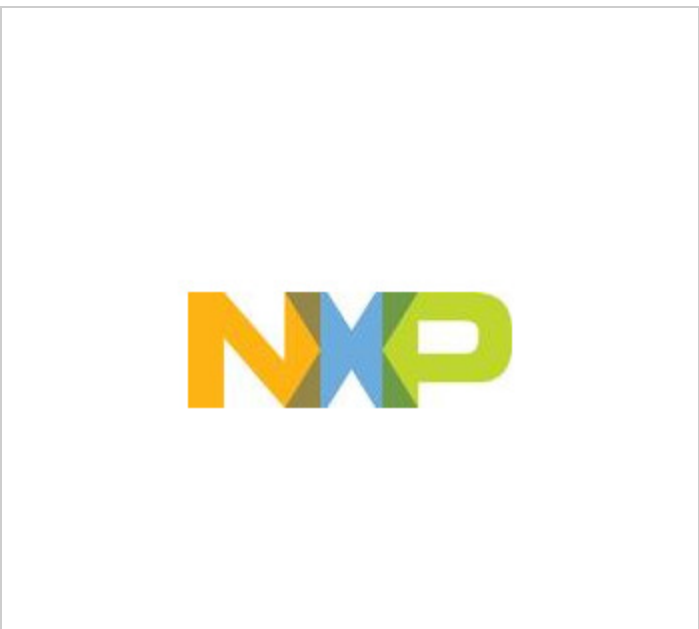


Image may be representation. See specifications for product details.

MC34845DEP

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC34845DEP                                                                                                   |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC LED DRVR RGLTR DIM 2.6A 24QFN                                                                             |
| Datasheets:         |  MC34845DEP.pdf             |
| RoHS Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

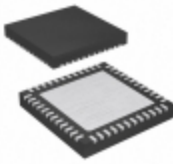
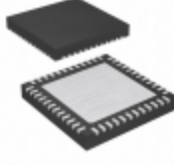
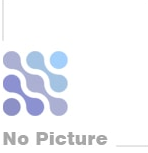
Specifications of MC34845DEP

|                                  |                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MC34845DEP                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                     |
| DESCRIPTION                      | IC LED DRVR RGLTR DIM 2.6A 24QFN                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                         |
| DATA SHEET                       |  MC34845DEP.pdf |
| VOLTAGE - SUPPLY (MIN)           | 5V                                                                                                 |
| VOLTAGE - SUPPLY (MAX)           | 21V                                                                                                |
| VOLTAGE - OUTPUT                 | 8 V ~ 60 V                                                                                         |
| TYPE                             | DC DC Regulator                                                                                    |
| TOPOLOGY                         | Step-Up (Boost)                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 24-QFN-EP (4x4)                                                                                    |
| SERIES                           | -                                                                                                  |
| PACKAGING                        | Tray                                                                                               |
| PACKAGE / CASE                   | 24-UFQFN Exposed Pad                                                                               |
| OTHER NAMES                      | 568-13739<br>935314226557<br>MC34845DEP-ND                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                  |
| NUMBER OF OUTPUTS                | 6                                                                                                  |
| MOUNTING TYPE                    | Surface Mount                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                      |
| MANUFACTURER STANDARD LEAD TIME  | 12 Weeks                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                         |
| INTERNAL SWITCH(S)               | Yes                                                                                                |
| FREQUENCY                        | 300kHz                                                                                             |
| DIMMING                          | PWM                                                                                                |
| DETAILED DESCRIPTION             | LED Driver IC 6 Output DC DC Regulator Step-Up (Boost) PWM Dimming 2.6A (Switch) 24-QFN-EP (4x4)   |
| CURRENT - OUTPUT / CHANNEL       | 2.6A (Switch)                                                                                      |
| BASE PART NUMBER                 | MC34845                                                                                            |
| APPLICATIONS                     | Backlight                                                                                          |

Related Tags

|                                           |                                         |                                               |
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| Freescale Semiconductor - NXP MC34845DEP  | NXP USA Inc. MC34845DEP                 |                                               |

Related Products

|                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                          |
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| <div></div> <div><b>MC34845EP</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC LED DRVR RGLTR DIM 2.3A 24QFN<br/>In stock: 5970 pcs</div> <div>RFQ</div>     | <div></div> <div><b>MC34845BEP</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC LED DRVR RGLTR DIM 2.6A 24QFN<br/>In stock: 4373 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>MC34845CEP</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC LED DRVR RGLTR DIM 2.3A 24QFN<br/>In stock: 81363 pcs</div> <div>RFQ</div>   | <div></div> <div><b>MC34848EPR2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC LED DRVR CTRLR DIM 80MA 48QFN<br/>In stock: 5671 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>MC34848EP</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC LED DRVR CTRLR DIM 80MA 48QFN<br/>In stock: 4524 pcs</div> <div>RFQ</div>     | <div></div> <div><b>MC34845AEPR2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC LED DRVR RGLTR DIM 2.3A 24QFN<br/>In stock: 5498 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>MC3486D</b><br/>Manufacturers: N/A<br/>Description: IC QUAD DIFF LINE REC 16-SOIC<br/>In stock: 103788 pcs</div> <div>RFQ</div>                                   | <div></div> <div><b>MC34845CEPR2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC LED DRVR RGLTR DIM 2.3A 24QFN<br/>In stock: 53483 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MC34845DEPR2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC LED DRVR RGLTR DIM 2.6A 24QFN<br/>In stock: 55444 pcs</div> <div>RFQ</div> | <div></div> <div><b>MC34845EPR2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC LED DRVR RGLTR DIM 2.3A 24QFN<br/>In stock: 5782 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>MC34845BEPR2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC QUAD DRVR RGLTR DIM 2.6A 24QFN<br/>In stock: 5553 pcs</div> <div>RFQ</div> | <div></div> <div><b>MC34845AEP</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC LED DRVR RGLTR DIM 2.3A 24QFN<br/>In stock: 5470 pcs</div> <div>RFQ</div>    |