



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

MC34845CEP

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC34845CEP                                                                                                   |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC LED DRVR RGLTR DIM 2.3A 24QFN                                                                             |
| Datasheets:         |  MC34845CEP.pdf             |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

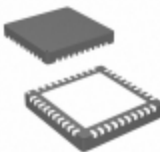
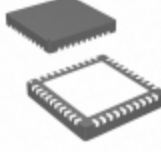
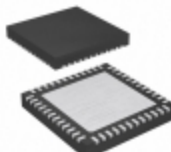
Specifications of MC34845CEP

|                                  |                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MC34845CEP                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                     |
| DESCRIPTION                      | IC LED DRVR RGLTR DIM 2.3A 24QFN                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                         |
| DATA SHEET                       |  MC34845CEP.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                      | 935310255557                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                  |
| NUMBER OF OUTPUTS                | 6                                                                                                  |
| MOUNTING TYPE                    | Surface Mount                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                         |
| INTERNAL SWITCH(S)               | Yes                                                                                                |
| FREQUENCY                        | 600kHz                                                                                             |
| DIMMING                          | PWM                                                                                                |
| DETAILED DESCRIPTION             | LED Driver IC 6 Output DC DC Regulator Step-Up (Boost) PWM Dimming 2.3A (Switch) 24-QFN-EP (4x4)   |
| CURRENT - OUTPUT / CHANNEL       | 2.3A (Switch)                                                                                      |
| BASE PART NUMBER                 | MC34845                                                                                            |
| APPLICATIONS                     | Backlight                                                                                          |

Related Tags

|                                           |                                         |                                               |
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| Freescale Semiconductor - NXP MC34845CEP  | NXP USA Inc. MC34845CEP                 |                                               |

Related Products

|                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                          |
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| <div></div> <div><b>MC34845CEPR2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC LED DRVR RGLTR DIM 2.3A 24QFN<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>MC34845BEPR2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC LED DRVR RGLTR DIM 2.6A 24QFN<br/>In stock: Out stock</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: Out stock</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: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>MC34845EP</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC LED DRVR RGLTR DIM 2.3A 24QFN<br/>In stock: Out stock</div> <div>RFQ</div>    | <div></div> <div><b>MC34844EPR2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC LED DRVR RGLTR DIM 50MA 32QFN<br/>In stock: Out stock</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: Out stock</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: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>MC34844EP</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC LED DRVR RGLTR DIM 50MA 32QFN<br/>In stock: Out stock</div> <div>RFQ</div>    | <div></div> <div><b>MC34845DEP</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC LED DRVR RGLTR DIM 2.6A 24QFN<br/>In stock: 480 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: Out stock</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: Out stock</div> <div>RFQ</div>  |