

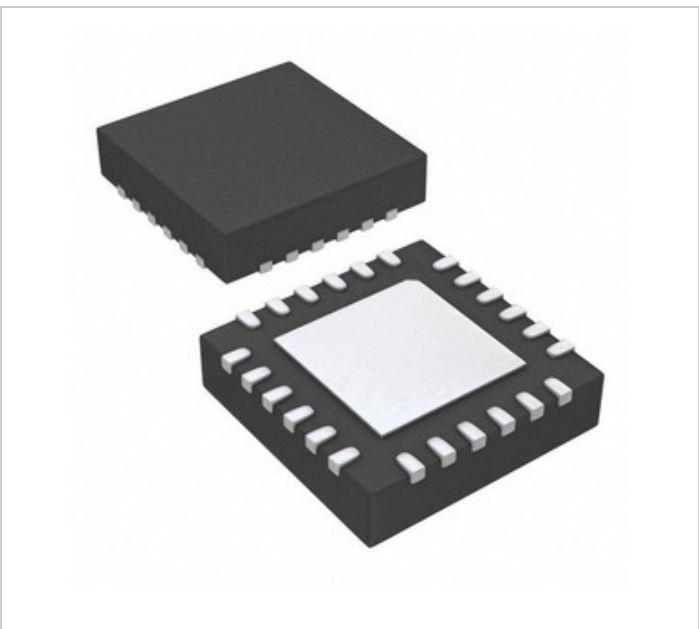


Image may be representation. See specifications for product details.

MPC17511EP

|                     |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPC17511EP                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                   |
| Product description | IC MOTOR DRIVER PAR 24QFN                                                                                        |
| Datasheets:         |  <a href="#">MPC17511EP.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant     |
| Ship From           | Hong Kong                                                                                                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                            |

REQUEST FOR QUOTATION

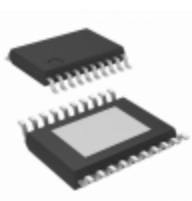
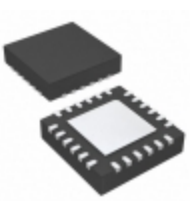
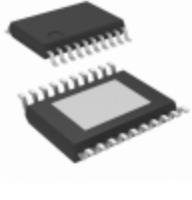
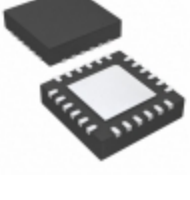
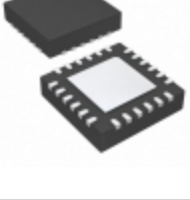
Specifications of MPC17511EP

|                                  |                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MPC17511EP                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                     |
| DESCRIPTION                      | IC MOTOR DRIVER PAR 24QFN                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                         |
| DATA SHEET                       |  <a href="#">MPC17511EP.pdf</a> |
| VOLTAGE - SUPPLY                 | 2.7 V ~ 5.7 V                                                                                                      |
| VOLTAGE - LOAD                   | 2 V ~ 6.8 V                                                                                                        |
| TECHNOLOGY                       | CMOS                                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 24-QFN-EP (4x4)                                                                                                    |
| STEP RESOLUTION                  | -                                                                                                                  |
| SERIES                           | -                                                                                                                  |
| PACKAGING                        | Tray                                                                                                               |
| PACKAGE / CASE                   | 24-VFQFN Exposed Pad                                                                                               |
| OUTPUT CONFIGURATION             | Half Bridge (2)                                                                                                    |
| OTHER NAMES                      | 935309645557                                                                                                       |
| OPERATING TEMPERATURE            | -20°C ~ 150°C (TJ)                                                                                                 |
| MOUNTING TYPE                    | Surface Mount                                                                                                      |
| MOTOR TYPE - STEPPER             | Bipolar                                                                                                            |
| MOTOR TYPE - AC, DC              | Brushed DC                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                         |
| INTERFACE                        | Parallel                                                                                                           |
| FUNCTION                         | Driver - Fully Integrated, Control and Power Stage                                                                 |
| DETAILED DESCRIPTION             | Bipolar Motor Driver CMOS Parallel 24-QFN-EP (4x4)                                                                 |
| CURRENT - OUTPUT                 | 1A                                                                                                                 |
| BASE PART NUMBER                 | MPC17511                                                                                                           |
| APPLICATIONS                     | Battery Powered                                                                                                    |

Related Tags

|                                           |                                         |                                               |
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| Freescale Semiconductor - NXP MPC17511EP  | NXP USA Inc. MPC17511EP                 |                                               |

Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                   |
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|  <div><b>MPC17529EJR2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MOTOR DRIVER PAR 20TSSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>MPC17511AEP R2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MOTOR DRIVER PAR 24QFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>MPC17529EJ</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MOTOR DRIVER PAR 20TSSOP<br/>In stock: 619 pcs<br/><a href="#">RFQ</a></div>      |  <div><b>MPC17510EJR2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MOTOR DRIVER PAR 24TSSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>MPC17510EJ</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MOTOR DRIVER PAR 24TSSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>    |  <div><b>MPC17511EV</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MOTOR DRIVER PAR 16VMFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>    |
|  <div><b>MPC17511EVEL</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MOTOR DRIVER PAR 16VMFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   |  <div><b>MPC17511AEVEL</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MOTOR DRIVER PAR 16VMFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>MPC17511AEV</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MOTOR DRIVER PAR 16VMFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>    |  <div><b>MPC17511AEP</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MOTOR DRIVER PAR 24QFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>    |
|  <div><b>MPC17517DTBR2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MOTOR DRIVER PAR 16TSSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>MPC17511EPR2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MOTOR DRIVER PAR 24QFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   |