

NXP Semiconductors / Freescale

MPC17531AEV

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPC17531AEV                                                                                                  |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MOTOR DRIVER PAR 20VMFP                                                                                   |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4171 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

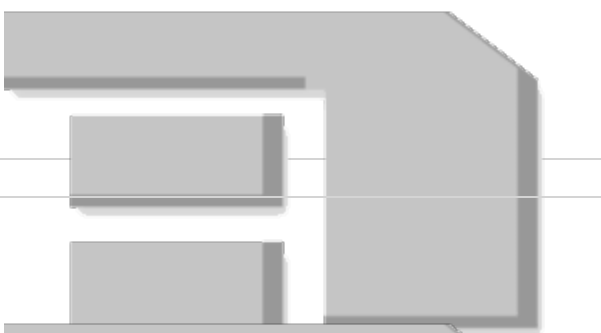
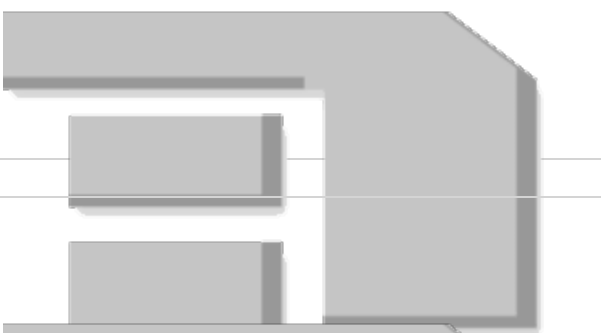
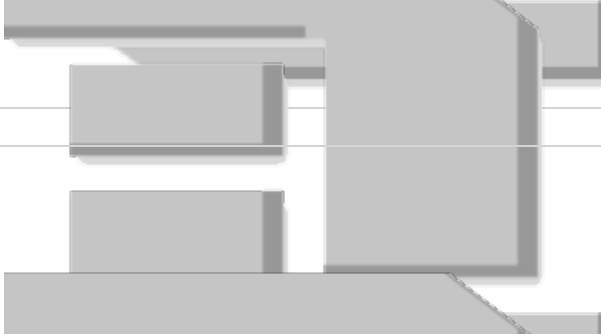
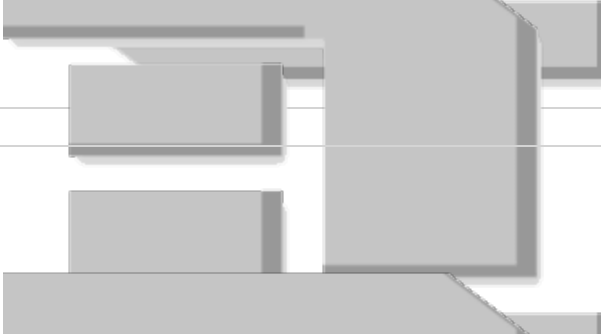
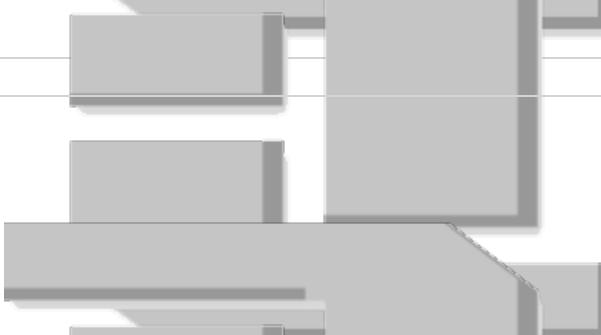
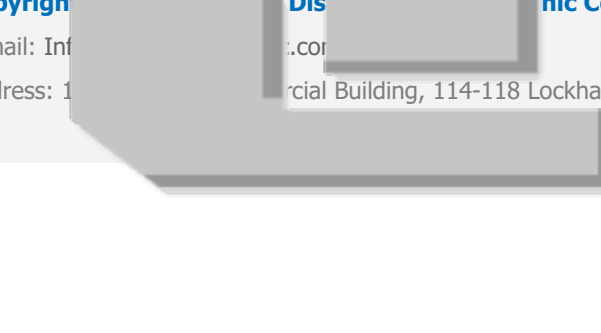
Specifications of MPC17531AEV

|                                  |                                                    |
|----------------------------------|----------------------------------------------------|
| PART NUMBER                      | MPC17531AEV                                        |
| MANUFACTURER                     | NXP Semiconductors / Freescale                     |
| DESCRIPTION                      | IC MOTOR DRIVER PAR 20VMFP                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                         |
| QUANTITY AVAILABLE               | 4171 pcs                                           |
| DATA SHEET                       |                                                    |
| VOLTAGE - SUPPLY                 | 2.7 V ~ 3.6 V                                      |
| VOLTAGE - LOAD                   | 2 V ~ 8.6 V                                        |
| TECHNOLOGY                       | Power MOSFET                                       |
| SUPPLIER DEVICE PACKAGE          | 20-VMFP                                            |
| STEP RESOLUTION                  | -                                                  |
| SERIES                           | -                                                  |
| PACKAGING                        | Tube                                               |
| PACKAGE / CASE                   | 20-SSOP (0.209", 5.30mm Width)                     |
| OUTPUT CONFIGURATION             | Half Bridge (4)                                    |
| 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 Power MOSFET Parallel 20-VMFP |
| CURRENT - OUTPUT                 | 700mA                                              |
| BASE PART NUMBER                 | MPC17531                                           |
| APPLICATIONS                     | Battery Powered                                    |

Related Tags

|                           |                                |                       |
|---------------------------|--------------------------------|-----------------------|
| MPC17531AEV               | MPC17531AEV Distributor        | MPC17531AEV Supplier  |
| MPC17531AEV Price         | MPC17531AEV Pictures           | MPC17531AEV Image     |
| MPC17531AEV PDF Datasheet | MPC17531AEV Download Datasheet | MPC17531AEV Datasheet |
| MPC17531AEV Stock         | Buy MPC17531AEV                | Buy MPC17531AEV       |
| MPC17531AEV               | Supplier                       | Distributor           |

Related Products

|                                                                                    |                                                                                                                     |                                                                                      |                                                                                                                       |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
|  | <b>MPC17529EP</b><br>Manufacturers: NXP<br>Description: IC MOTOR DRIVER PAR 24QFN<br>In stock: 4049 pcs<br>RFQ      |  | <b>MPC17531AEVEL</b><br>Manufacturers: NXP<br>Description: IC MOTOR DRIVER PAR 20VMFP<br>In stock: 6720 pcs<br>RFQ    |
|  | <b>MPC17529EPR2</b><br>Manufacturers: NXP<br>Description: IC MOTOR DRIVER PAR 24QFN<br>In stock: 2919 pcs<br>RFQ    |  | <b>MPC17531ATEJR2</b><br>Manufacturers: NXP<br>Description: IC MOTOR DRIVER PAR 20TSSOP<br>In stock: 78831 pcs<br>RFQ |
|  | <b>MPC17529EV</b><br>Manufacturers: NXP<br>Description: IC MOTOR DRIVER PAR 20VMFP<br>In stock: 4720 pcs<br>RFQ     |  | <b>MPC17531ATEJ</b><br>Manufacturers: NXP<br>Description: IC MOTOR DRIVER PAR 20TSSOP<br>In stock: 42241 pcs<br>RFQ   |
|  | <b>MPC17531ATEPR2</b><br>Manufacturers: NXP<br>Description: IC MOTOR DRIVER PAR 24QFN<br>In stock: 67716 pcs<br>RFQ |  | <b>MPC17529EJ</b><br>Manufacturers: NXP<br>Description: IC MOTOR DRIVER PAR 20TSSOP<br>In stock: 39114 pcs<br>RFQ     |
|  | <b>MPC17531ATEP</b><br>Manufacturers: NXP<br>Description: IC MOTOR DRIVER PAR 24QFN<br>In stock: 48127 pcs<br>RFQ   |  | <b>MPC17529EJR2</b><br>Manufacturers: NXP<br>Description: IC MOTOR DRIVER PAR 20TSSOP<br>In stock: 103948 pcs<br>RFQ  |
|  | <b>MPC17529EVEL</b><br>Manufacturers: NXP<br>Description: IC MOTOR DRIVER PAR 20VMFP<br>In stock: 5884 pcs<br>RFQ   |  | <b>MPC17531ATEV</b><br>Manufacturers: NXP<br>Description: IC MOTOR DRIVER PAR 20VMFP<br>In stock: 5712 pcs<br>RFQ     |