

MICROCHIP

Micrel / Microchip Technology

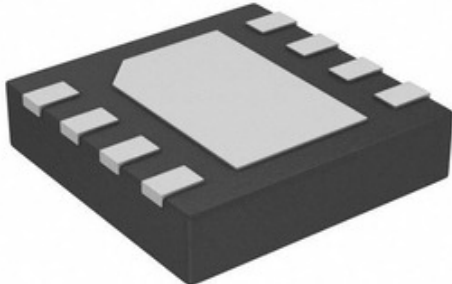


Image may be representation. See specifications for product details.

TC1301B-DPAVMF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | TC1301B-DPAVMF                                                                                               |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG LINEAR 3V/1.8V/2.63V 8DFN                                                                             |
| Datasheets:         |  1.TC1301B-DPAVMF.pdf       |
|                     |  2.TC1301B-DPAVMF.pdf       |
|                     |  3.TC1301B-DPAVMF.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

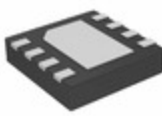
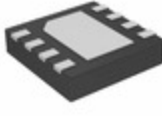
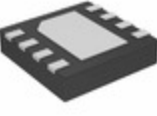
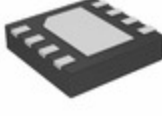
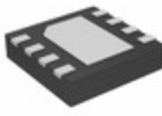
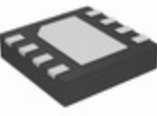
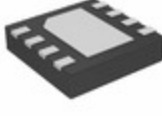
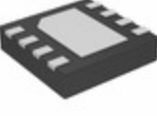
Specifications of TC1301B-DPAVMF

|                                  |                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | TC1301B-DPAVMF                                                                                                                                                                                                                                                                                                                   |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                    |
| DESCRIPTION                      | IC REG LINEAR 3V/1.8V/2.63V 8DFN                                                                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                       |
| DATA SHEET                       |  1.TC1301B-DPAVMF.pdf<br> 2.TC1301B-DPAVMF.pdf<br> 3.TC1301B-DPAVMF.pdf |
| VOLTAGE DROPOUT (MAX)            | 0.18V @ 300mA, -                                                                                                                                                                                                                                                                                                                 |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 3V, 1.8V, 2.63V                                                                                                                                                                                                                                                                                                                  |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                                                                                                                                                                                                                                |
| VOLTAGE - INPUT (MAX)            | 6V                                                                                                                                                                                                                                                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 8-DFN-EP (3x3)                                                                                                                                                                                                                                                                                                                   |
| SERIES                           | -                                                                                                                                                                                                                                                                                                                                |
| PROTECTION FEATURES              | Over Current, Over Temperature                                                                                                                                                                                                                                                                                                   |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                             |
| PACKAGE / CASE                   | 8-VDFN Exposed Pad                                                                                                                                                                                                                                                                                                               |
| PSRR                             | 58dB (100Hz)                                                                                                                                                                                                                                                                                                                     |
| OUTPUT TYPE                      | Fixed                                                                                                                                                                                                                                                                                                                            |
| OUTPUT CONFIGURATION             | Positive                                                                                                                                                                                                                                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                                                                                                                                                                                                                                                    |
| NUMBER OF REGULATORS             | 2                                                                                                                                                                                                                                                                                                                                |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                       |
| DETAILED DESCRIPTION             | Linear Voltage Regulator IC Positive Fixed 2 Output 3V, 1.8V, 2.63V (Reset) 300mA, 150mA 8-DFN-EP (3x3)                                                                                                                                                                                                                          |
| CURRENT - QUIESCENT (IQ)         | 180µA                                                                                                                                                                                                                                                                                                                            |
| CURRENT - OUTPUT                 | 300mA, 150mA                                                                                                                                                                                                                                                                                                                     |
| CONTROL FEATURES                 | Enable, Reset                                                                                                                                                                                                                                                                                                                    |
| BASE PART NUMBER                 | TC1301B                                                                                                                                                                                                                                                                                                                          |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology TC1301B-DPAVMF | TC1301B-DPAVMF Distributor             | TC1301B-DPAVMF Supplier                               |
| TC1301B-DPAVMF Price                         | TC1301B-DPAVMF Pictures                | TC1301B-DPAVMF Image                                  |
| TC1301B-DPAVMF PDF Datasheet                 | TC1301B-DPAVMF Download Datasheet      | TC1301B-DPAVMF Datasheet                              |
| TC1301B-DPAVMF Stock                         | Buy TC1301B-DPAVMF                     | Buy Micrel / Microchip Technology TC1301B-DPAVMF      |
| Micrel / Microchip Technology TC1301B-DPAVMF | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology TC1301B-DPAVMF | Microchip Technology TC1301B-DPAVMF    | Roving Networks / Microchip Technology TC1301B-DPAVMF |

Related Products

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                      |
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|  <div><b>TC1301B-APAVMFTR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 3.3V/1.8V/2.63V 8DFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>TC1301B-DPAVUA</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 3V/1.8V/2.63V 8MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
|  <div><b>TC1301B-AIAVMFTR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 3.3V/2.5V/2.63V 8DFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>TC1301B-FAAVMFTR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 2.8V/3.3V/2.63V 8DFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>TC1301B-APAVUA</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 3.3V/1.8V/2.63V 8MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>TC1301B-DPAVUATR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 3V/1.8V/2.63V 8MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>TC1301B-AIAVMF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 3.3V/2.5V/2.63V 8DFN<br/>In stock: Out stock<br/><div>RFQ</div></div>    |  <div><b>TC1301B-APAVUATR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 3.3V/1.8V/2.63V 8MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>TC1301B-APAVMF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 3.3V/1.8V/2.63V 8DFN<br/>In stock: Out stock<br/><div>RFQ</div></div>    |  <div><b>TC1301B-DPAVMFTR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V/1.8V/2.63V 8DFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>TC1301B-FDAVMFTR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.8V/3V/2.63V 8DFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>TC1301B-FDAVMF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.8V/3V/2.63V 8DFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   |