



Micrel / Microchip Technology

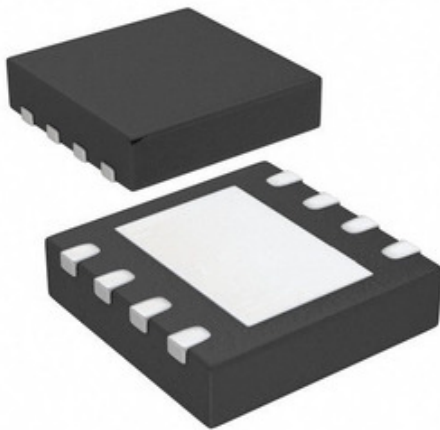


Image may be representation. See specifications for product details.

MCP73831-2ACI/MC

|                     |                                                                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP73831-2ACI/MC                                                                                                                                                     |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                        |
| Product description | IC CONTROLLER LI-ION 4.2V 8DFN                                                                                                                                       |
| Datasheets:         | <a href="#">1.MCP73831-2ACI/MC.pdf</a><br><a href="#">2.MCP73831-2ACI/MC.pdf</a><br><a href="#">3.MCP73831-2ACI/MC.pdf</a><br><a href="#">4.MCP73831-2ACI/MC.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant                                                         |
| Stock Condition     | 169843 pcs stock                                                                                                                                                     |
| Ship From           | Hong Kong                                                                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                |

REQUEST FOR QUOTATION

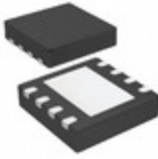
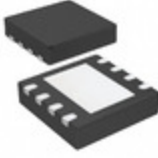
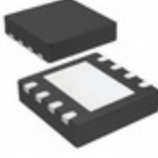
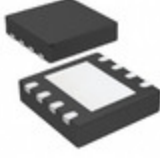
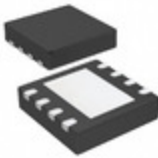
Specifications of MCP73831-2ACI/MC

|                                  |                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP73831-2ACI/MC                                                                                                                                                     |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                        |
| DESCRIPTION                      | IC CONTROLLER LI-ION 4.2V 8DFN                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                           |
| QUANTITY AVAILABLE               | 169843 pcs                                                                                                                                                           |
| DATA SHEET                       | <a href="#">1.MCP73831-2ACI/MC.pdf</a><br><a href="#">2.MCP73831-2ACI/MC.pdf</a><br><a href="#">3.MCP73831-2ACI/MC.pdf</a><br><a href="#">4.MCP73831-2ACI/MC.pdf</a> |
| VOLTAGE - SUPPLY (MAX)           | 6V                                                                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 8-DFN (2x3)                                                                                                                                                          |
| SERIES                           | -                                                                                                                                                                    |
| PROGRAMMABLE FEATURES            | Current                                                                                                                                                              |
| PACKAGING                        | Tube                                                                                                                                                                 |
| PACKAGE / CASE                   | 8-VDFDN Exposed Pad                                                                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                    |
| NUMBER OF CELLS                  | 1                                                                                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                           |
| INTERFACE                        | -                                                                                                                                                                    |
| FAULT PROTECTION                 | Over Voltage                                                                                                                                                         |
| DETAILED DESCRIPTION             | Charger IC Lithium Ion/Polymer 8-DFN (2x3)                                                                                                                           |
| CURRENT - CHARGING               | Constant - Programmable                                                                                                                                              |
| CHARGE CURRENT - MAX             | 500mA                                                                                                                                                                |
| BATTERY PACK VOLTAGE             | 4.2V                                                                                                                                                                 |
| BATTERY CHEMISTRY                | Lithium Ion/Polymer                                                                                                                                                  |
| BASE PART NUMBER                 | MCP73831                                                                                                                                                             |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology MCP73831-2ACI/MC | MCP73831-2ACI/MC Distributor           | MCP73831-2ACI/MC Supplier                               |
| MCP73831-2ACI/MC Price                         | MCP73831-2ACI/MC Pictures              | MCP73831-2ACI/MC Image                                  |
| MCP73831-2ACI/MC PDF Datasheet                 | MCP73831-2ACI/MC Download Datasheet    | MCP73831-2ACI/MC Datasheet                              |
| MCP73831-2ACI/MC Stock                         | Buy MCP73831-2ACI/MC                   | Buy Micrel / Microchip Technology MCP73831-2ACI/MC      |
| Micrel / Microchip Technology MCP73831-2ACI/MC | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology MCP73831-2ACI/MC | Microchip Technology MCP73831-2ACI/MC  | Roving Networks / Microchip Technology MCP73831-2ACI/MC |

Related Products

|                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MCP73831-5ACI/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC CONTROLLER LI-ION 4.50V 8DFN<br/>In stock: 227381 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MCP7382XEV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: KIT EVALUATION FOR MCP7382X<br/>In stock: 1765 pcs<br/><div>RFQ</div></div>                |
| <div></div> <div><b>MCP73831-3ACI/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC CONTROLLER LI-ION 4.35V 8DFN<br/>In stock: 232604 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MCP73830LT-0AAI/MYY</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC BATT MGMT LI-ION 200MA 6TDFN<br/>In stock: 113675 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MCP73831-2DCI/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC CONTROLLER LI-ION 4.2V 8DFN<br/>In stock: 229441 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>MCP73831-4ADI/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC CONTROLLER LI-ION 4.40V 8DFN<br/>In stock: 204205 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>MCP73828-4.2VUA</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC CONTROLLER LI-ION 4.2V 8-MSOP<br/>In stock: 106838 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MCP73830LT-0BCI/MYY</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC BATT MGMT LI-ION 200MA 6TDFN<br/>In stock: 143573 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MCP73831-2ATI/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC CONTROLLER LI-ION 4.2V 8DFN<br/>In stock: 147239 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>MCP73828-4.2VUATR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC CONTROLLER LI-ION 4.2V 8-MSOP<br/>In stock: 109540 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MCP73830T-2AAI/MYY</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC BATT MGMT LI-ION 1A 6TDFN<br/>In stock: 114704 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>MCP73831EV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: BOARD DEMO FOR MCP73831<br/>In stock: 1988 pcs<br/><div>RFQ</div></div>                    |