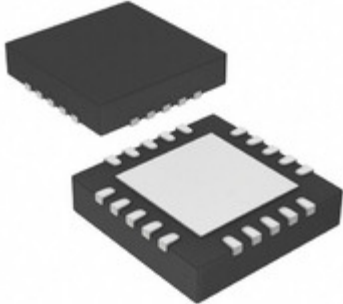


MCP73871-2CAI/ML



Images are for reference only.  
See Product Specifications for product details.  
**Buy MCP73871-2CAI/ML with confidence from Component-World.HK, 1 Year Warranty**



**Part Number:** [MCP73871-2CAI/ML](#)

**Manufacturer:** [Micrel / Microchip Technology](#)

**Description:** IC USB/AC BATT CHRGR W/PPM 20QFN

**Data sheet:**  [Analog and Interface Product Guide](#)  
 [Portable Power Conversion Design Guide](#)  
 [MCP73871](#)

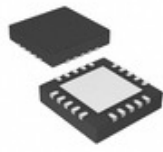
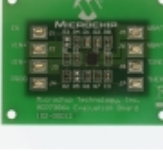
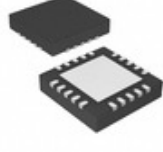
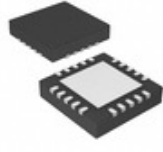
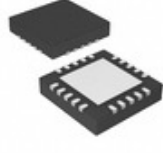
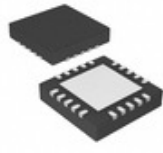
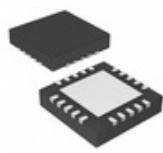
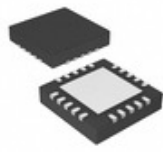
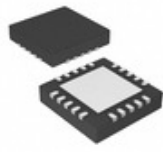
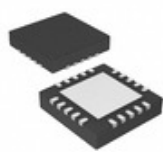
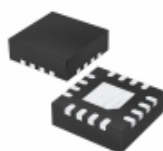
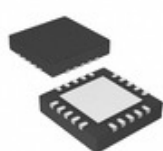
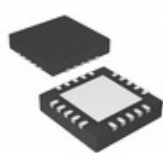
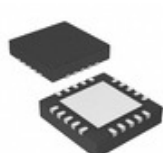
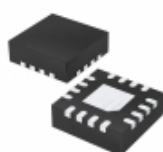
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                 |                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | MCP73871-2CAI/ML                          | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC USB/AC BATT CHRGR W/PPM 20QFN          | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 75435 pcs                                 | Data sheet                      | <a href="#">Analog and Interface Product Guide</a><br><a href="#">Portable Power Conversion Design Guide</a><br><a href="#">MCP73871</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Max)          | 6V                                                                                                                                       |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 20-QFN (4x4)                              | Series                          | -                                                                                                                                        |
| Programmable Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Timer                                     | Packaging                       | Tube                                                                                                                                     |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 20-VFQFN Exposed Pad                      | Other Names                     | MCP738712CAIML                                                                                                                           |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -40°C ~ 85°C (TA)                         | Number of Cells                 | 1                                                                                                                                        |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 16 Weeks                                                                                                                                 |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Lead free / RoHS Compliant                | Interface                       | USB                                                                                                                                      |
| Fault Protection                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Over Temperature                          | Detailed Description            | Charger IC Lithium Ion/Polymer 20-QFN (4x4)                                                                                              |
| Current - Charging                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Constant - Programmable                   | Charge Current - Max            | 1.1A                                                                                                                                     |
| Battery Pack Voltage                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4.2V                                      | Battery Chemistry               | Lithium Ion/Polymer                                                                                                                      |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | MCP73871                                  |                                 |                                                                                                                                          |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 75435 pieces of Micrel / Microchip Technology MCP73871-2CAI/ML in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                 |                                                                                                                                          |

| RELATED PRODUCTS                                                                   |                                                                                          |                                                              |                     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">MCP73871T-1AAI/ML</a><br>Description: USB/AC BATTERY CHARGER          | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP7386XEVB</a><br>Description: KIT EVALUATION FOR MCP73861,2         | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP73871-1AAI/ML</a><br>Description: USB/AC BATTERY CHARGER           | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP73871-4CCI/ML</a><br>Description: USB/AC BATTERY CHARGER           | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP73864-I/SL</a><br>Description: IC LI-ION CTRLR 8.2/8.4V 16SOIC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP73871-3CAI/ML</a><br>Description: IC USB/AC BATT CHRGR W/PPM 20QFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP73871-1CCI/ML</a><br>Description: USB/AC BATTERY CHARGER           | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP73871-4CAI/ML</a><br>Description: USB/AC BATTERY CHARGER           | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP73871T-1CAI/ML</a><br>Description: USB/AC BATTERY CHARGER          | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP73871-1CAI/ML</a><br>Description: USB/AC BATTERY CHARGER           | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP73871-3CCI/ML</a><br>Description: IC USB/AC BATT CHRGR W/PPM 20QFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP73864-I/ML</a><br>Description: IC CONTROLLER LI-ION 4.5V 16QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP73871T-1CCI/ML</a><br>Description: USB/AC BATTERY CHARGER          | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP73871-2CCI/ML</a><br>Description: IC USB/AC BATT CHRGR W/PPM 20QFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP73871-2AAI/ML</a><br>Description: IC USB/AC BATT CHRGR W/PPM 20QFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP73871DM-VPCC</a><br>Description: DEMO BOARD FOR MCP73871           | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP73864T-I/SL</a><br>Description: IC LI-ION CTRLR 8.2/8.4V 16SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP73863T-I/SL</a><br>Description: IC CONTROLLER LI-ION 4.1V 16SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP73871EV</a><br>Description: EVALUATION BOARD FOR MCP73871          | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCP73864T-I/ML</a><br>Description: IC CONTROLLER LI-ION 8.4V 16QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |

| Related keywords for MCP73871-2CAI/ML          |                                       |                                        |                        |
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| MCP73871-2CAI/ML download datasheet            | MCP73871-2CAI/ML datasheet            | MCP73871-2CAI/ML stock                 | buy MCP73871-2CAI/ML   |
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|                                                |                                       | MCP73871-2CAI/ML                       |                        |