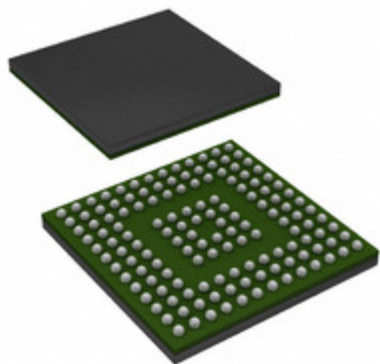


MEC1701Q-C2-SZ





Part Number: [MEC1701Q-C2-SZ](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: EMBEDDED CONTROLLER

Data sheet:  [MEX170x Errata, Clarification](#)  
 [MEX170x Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

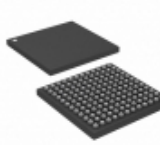
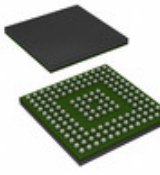
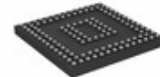
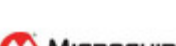
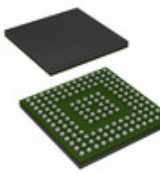
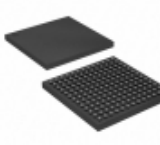
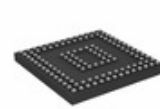
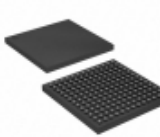
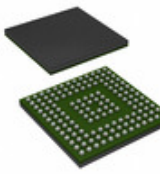
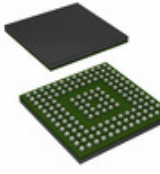
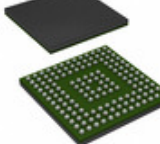
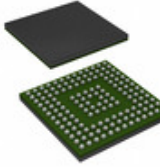
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER               |                                                                   |                                  |                                                                                    |
|---------------------------------|-------------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------|
| Part Number                     | MEC1701Q-C2-SZ                                                    | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                      |
| Description                     | EMBEDDED CONTROLLER                                               | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                         |
| Quantity Available              | 23964 pcs                                                         | Data sheet                       | <a href="#">MEX170x Errata, Clarification</a><br><a href="#">MEX170x Datasheet</a> |
| Category                        | <a href="#">Integrated Circuits (ICs)</a>                         | Voltage - Supply                 | 1.71 V ~ 3.465 V                                                                   |
| Supplier Device Package         | 144-WFBGA (9x9)                                                   | Series                           | -                                                                                  |
| RAM Size                        | 480KB                                                             | Program Memory Type              | Boot ROM (64 kB)                                                                   |
| Packaging                       | Tray                                                              | Package / Case                   | 144-WFBGA                                                                          |
| Operating Temperature           | 0°C ~ 70°C                                                        | Number of I/O                    | 123                                                                                |
| Mounting Type                   | Surface Mount                                                     | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                      |
| Manufacturer Standard Lead Time | 5 Weeks                                                           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                         |
| Interface                       | ACPI, EBI/EMI, eSPI, I <sup>2</sup> C, LPC, PECI, PS/2, QSPI, SPI | Core Processor                   | ARM® Cortex®-M4                                                                    |
| Controller Series               | MEC170x                                                           | Applications                     | Keyboard and Embedded Controller                                                   |

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|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
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|  | Part#: <a href="#">MEC1705Q-C1-I/SZ</a><br>Description: EMBEDDED CONTROLLER 480 KB TOTAL       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MEC1609-PZP</a><br>Description: IC EMBEDDED CTRLR                           | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MEC6-110-02-L-D-RA1-TR</a><br>Description: .635MM RIGHT ANGLE EDGE CARD ASS | Manufacturers: <a href="#">Samtec, Inc.</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">MEC1428-TF-C1</a><br>Description: SRAM                                      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MEC1609-PZV</a><br>Description: IC EMBEDDED CTRLR 144TFBGA                  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MEC1703Q-C2-XY</a><br>Description: SRAM                                     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MEC1632-AUE</a><br>Description: IC EMBEDDED CTRLR                           | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MEC1705Q-C2-I/SZ</a><br>Description: EMBEDDED CONTROLLER                    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MEC1633X-AUE</a><br>Description: IC EMBEDDED CTRLR 169LFBGA                 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MEC1704Q-C2-I/SZ</a><br>Description: EMBEDDED CONTROLLER 480 KB TOTAL       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MEC1428-TF-C1-TR</a><br>Description: SRAM                                   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MEC1701Q-C2-TN</a><br>Description: SRAM                                     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MEC1704Q-C1-I/SZ</a><br>Description: EMBEDDED CONTROLLER 480 KB TOTAL       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MEC2-20-01-L-DV-K-TR</a><br>Description: MEC2 2.0MM EDGE CARD ASSEMBLY      | Manufacturers: <a href="#">Samtec, Inc.</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">MEC1701H-C1-SZ-TR</a><br>Description: EMBEDDED CONTROLLER 256KB TOTAL       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MEC1701H-C1-SZ</a><br>Description: EMBEDDED CONTROLLER 256KB TOTAL          | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MEC1428-SZ-C1-TR</a><br>Description: SRAM                                   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MEC6-110-02-L-D-RA1</a><br>Description: .635MM RIGHT ANGLE EDGE CARD ASS    | Manufacturers: <a href="#">Samtec, Inc.</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">MEC2-08-01-L-DV</a><br>Description: MEC2 2.0MM EDGE CARD ASSEMBLY           | Manufacturers: <a href="#">Samtec, Inc.</a>                  | <div>RFQ</div> |

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