

CY7C64215-56LFXC



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**Part Number:** [CY7C64215-56LFXC](#)

**Manufacturer:** [Cypress Semiconductor](#)

**Description:** IC CNTRLR USB FS 56VQFN

**Data sheet:**  [CY7C64215](#)

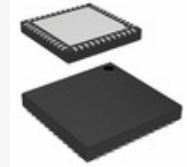
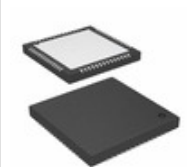
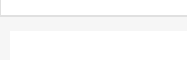
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                |                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                             | CY7C64215-56LFXC                          | Manufacturer                   | <a href="#">Cypress Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC CNTRLR USB FS 56VQFN                   | Lead Free Status / RoHS Status | Lead free / RoHS Compliant            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5596 pcs                                  | Data sheet                     | <a href="#">CY7C64215</a>             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply               | 3 V ~ 5.25 V                          |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 56-QFN (8x8)                              | Series                         | enCoRe™ III                           |
| RAM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1K x 8                                    | Program Memory Type            | FLASH (16 kB)                         |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Tray                                      | Package / Case                 | 56-VFQFN Exposed Pad                  |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                             | CY7C6421556LFXC                           | Operating Temperature          | 0°C ~ 70°C                            |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 50                                        | Mounting Type                  | Surface Mount                         |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant            |
| Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IPC, USB                                  | Core Processor                 | M8C                                   |
| Controller Series                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CY7C642xx                                 | Base Part Number               | CY7C64215                             |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                            | USB Microcontroller                       |                                |                                       |
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| RELATED PRODUCTS                                                                   |                                                                                           |                                                      |                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------|---------------------|
|  | Part#: <a href="#">CY7C64113C-PVXC</a><br>Description: IC MCU 8K FULL SPEED USB 48SSOP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY7C64300-48LTXCT</a><br>Description: MCU ENCORE LV 48MHZ 48QFN        | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY7C64215-28PVXCT</a><br>Description: IC CNTRLR USB FS 28SSOP          | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY7C64215-56LTXCT</a><br>Description: IC USB CTLR 12MBPS 56QFN         | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY7C64315-16LKXC</a><br>Description: IC MCU USB ENCORE CONTROL 16QFN   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY7C64215-28PVXIT</a><br>Description: IC CNTRLR USB FS 28SSOP          | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY7C64225-28PVXC</a><br>Description: IC USB TO UART BRIDGE 28SSOP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY7C64215-56LFXCT</a><br>Description: IC CNTRLR USB FS 56VQFN          | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY7C64215-28PVXVC</a><br>Description: IC CTLR USB FS 28SSOP            | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY7C64215-28PVXI</a><br>Description: IC CNTRLR USB FS 28SSOP           | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY7C64215-56LTXC</a><br>Description: IC USB CTLR 12MBPS 56QFN          | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY7C64225-28PVXCT</a><br>Description: IC USB TO UART BRIDGE 28SSOP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY7C64013C-PXC</a><br>Description: IC MCU 8K FULL SPEED USB 28DIP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY7C64113A-PVXC</a><br>Description: IC MCU 8K FULL SPEED USB 48SSOP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY7C64215-56LTXI</a><br>Description: IC USB CTLR ENCORE III 56QFN      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY7C64013C-SXCT</a><br>Description: IC MCU 8K FULL SPEED USB 28SOIC    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY7C64315-16LKXCT</a><br>Description: IC MCU USB ENCORE CONTROL 16QFN  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY7C64113-PVC</a><br>Description: IC MCU 8K FULL SPEED USB 48SSOP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY7C64215-56LTXIT</a><br>Description: MCU ENCORE 16K FLASH 56MHZ 56QFN | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY7C64013C-SXC</a><br>Description: IC MCU 8K FULL SPEED USB 28SOIC     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |

|                                              |                                             |                           |                        |
|----------------------------------------------|---------------------------------------------|---------------------------|------------------------|
| Related keywords for <b>CY7C64215-56LFXC</b> |                                             |                           |                        |
| Cypress Semiconductor CY7C64215-56LFXC       | CY7C64215-56LFXC distributor                | CY7C64215-56LFXC supplier | CY7C64215-56LFXC price |
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| Cypress Semiconductor CY7C64215-56LFXC       | Cypress Semiconductor Corp CY7C64215-56LFXC |                           |                        |