



Cypress Semiconductor

### CY8CLED04D01-56LTXI

|                      |   |
|----------------------|---|
| Part Number:         | CY8CLED04D01-56LTXI                     |
| Manufacturer/Brand:  | Cypress Semiconductor                   |
| Product description: | IC MCU 8BIT 16KB FLASH 56VQFN           |
| Datasheets:          | <a href="#">CY8CLED04D01-56LTXI.pdf</a> |
| RoHS Status:         | Lead free / RoHS Compliant              |
| Stock Condition:     | 6324 pcs stock                          |
| Ship From:           | Hong Kong                               |
| Shipment Way:        | DHL/Fedex/TNT/UPS/EMS                   |

**REQUEST FOR QUOTATION**

Image may be representation. See specifications for product details.

#### Specifications of CY8CLED04D01-56LTXI

|                                  |  |
|----------------------------------|--|
| PART NUMBER                      | CY8CLED04D01-56LTXI                      |
| MANUFACTURER                     | Cypress Semiconductor                    |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 56VQFN            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant               |
| QUANTITY AVAILABLE               | 6324 pcs                                 |
| DATA SHEET                       | <a href="#">CY8CLED04D01-56LTXI.pdf</a>  |
| VOLTAGE - SUPPLY                 | 4.75 V ~ 5.25 V                          |
| SUPPLIER DEVICE PACKAGE          | 56-QFN (8x8)                             |
| SERIES                           | PowerPSoC® CY8CLED                       |
| RAM SIZE                         | 1K x 8                                   |
| PROGRAM MEMORY TYPE              | FLASH (16 KB)                            |
| PACKAGING                        | Tray                                     |
| PACKAGE / CASE                   | 56-VFQFN Exposed Pad                     |
| OTHER NAMES                      | 428-2279                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                             |
| NUMBER OF I/O                    | 14                                       |
| MOUNTING TYPE                    | Surface Mount                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant               |
| INTERFACE                        | DALI, DMX512, I²C, IrDA, SPI, UART/USART |
| CORE PROCESSOR                   | M8C                                      |
| CONTROLLER SERIES                | CY8CLED                                  |
| BASE PART NUMBER                 | CY8CLED04                                |
| APPLICATIONS                     | Intelligent LED Driver                   |

#### Related Tags

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|---|--|---|
| Cypress Semiconductor CY8CLED04D01-56LTXI | CY8CLED04D01-56LTXI Distributor                | CY8CLED04D01-56LTXI Supplier                  |
| CY8CLED04D01-56LTXI Price                 | CY8CLED04D01-56LTXI Pictures                   | CY8CLED04D01-56LTXI Image                     |
| CY8CLED04D01-56LTXI PDF Datasheet         | CY8CLED04D01-56LTXI Download Datasheet         | CY8CLED04D01-56LTXI Datasheet                 |
| CY8CLED04D01-56LTXI Stock                 | Buy CY8CLED04D01-56LTXI                        | Buy Cypress Semiconductor CY8CLED04D01-56LTXI |
| Cypress Semiconductor CY8CLED04D01-56LTXI | Cypress Semiconductor Supplier                 | Cypress Semiconductor Distributor             |
| Cypress Semiconductor CY8CLED04D01-56LTXI | Cypress Semiconductor Corp CY8CLED04D01-56LTXI |   |

#### Related Products

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| <p><b>CY8CLED08-28PVXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 28SSOP<br/>In stock: 4249 pcs</p> <p><b>RFQ</b></p>    | <p><b>CY8CLED04-68LTXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 68QFN<br/>In stock: 5338 pcs</p> <p><b>RFQ</b></p>      |
| <p><b>CY8CLED04-68LFXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 68VQFN<br/>In stock: 4105 pcs</p> <p><b>RFQ</b></p>   | <p><b>CY8CLED04D02-56LTXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 56VQFN<br/>In stock: 10815 pcs</p> <p><b>RFQ</b></p>  |
| <p><b>CY8CLED08-48LFXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 48QFN<br/>In stock: 8850 pcs</p> <p><b>RFQ</b></p>     | <p><b>CY8CLED04-68LFXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 68VQFN<br/>In stock: 3145 pcs</p> <p><b>RFQ</b></p>      |
| <p><b>CY8CLED08-28PVXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 28SSOP<br/>In stock: 5023 pcs</p> <p><b>RFQ</b></p>   | <p><b>CY8CLED04-68LTXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 68QFN<br/>In stock: 10642 pcs</p> <p><b>RFQ</b></p>      |
| <p><b>CY8CLED03D02-56LTXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 56VQFN<br/>In stock: 9148 pcs</p> <p><b>RFQ</b></p> | <p><b>CY8CLED03G01-56LTXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 56VQFN<br/>In stock: 7079 pcs</p> <p><b>RFQ</b></p>   |
| <p><b>CY8CLED04G01-56LTXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 56VQFN<br/>In stock: 6529 pcs</p> <p><b>RFQ</b></p> | <p><b>CY8CLED04DOCD1-56LTXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 56VQFN<br/>In stock: 5049 pcs</p> <p><b>RFQ</b></p> |

