



Cypress Semiconductor



CY8CLED02D01-56LTXI

|                     |                                                                                                                           |
|---------------------|---------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | CY8CLED02D01-56LTXI                                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                                     |
| Product description | IC MCU 8BIT 16KB FLASH 56VQFN                                                                                             |
| Datasheets:         |  <a href="#">CY8CLED02D01-56LTXI.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant              |
| Ship From           | Hong Kong                                                                                                                 |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                     |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

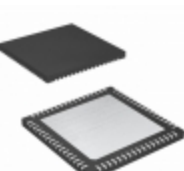
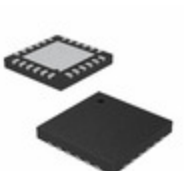
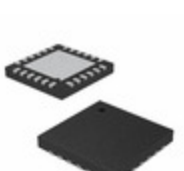
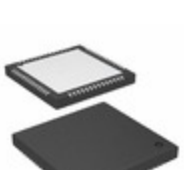
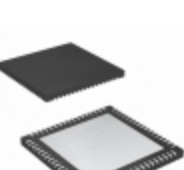
Specifications of CY8CLED02D01-56LTXI

|                                  |                                                                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | CY8CLED02D01-56LTXI                                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                       |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 56VQFN                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                  |
| DATA SHEET                       |  <a href="#">CY8CLED02D01-56LTXI.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                      | 428-2967<br>CY8CLED02D0156LTXI                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                                                |
| NUMBER OF I/O                    | 14                                                                                                                          |
| MOUNTING TYPE                    | Surface Mount                                                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                               |
| MANUFACTURER STANDARD LEAD TIME  | 28 Weeks                                                                                                                    |
| 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                 | CY8CLED02                                                                                                                   |
| APPLICATIONS                     | Intelligent LED Driver                                                                                                      |

Related Tags

|                                           |                                                |                                               |
|-------------------------------------------|------------------------------------------------|-----------------------------------------------|
| Cypress Semiconductor CY8CLED02D01-56LTXI | CY8CLED02D01-56LTXI Distributor                | CY8CLED02D01-56LTXI Supplier                  |
| CY8CLED02D01-56LTXI Price                 | CY8CLED02D01-56LTXI Pictures                   | CY8CLED02D01-56LTXI Image                     |
| CY8CLED02D01-56LTXI PDF Datasheet         | CY8CLED02D01-56LTXI Download Datasheet         | CY8CLED02D01-56LTXI Datasheet                 |
| CY8CLED02D01-56LTXI Stock                 | Buy CY8CLED02D01-56LTXI                        | Buy Cypress Semiconductor CY8CLED02D01-56LTXI |
| Cypress Semiconductor CY8CLED02D01-56LTXI | Cypress Semiconductor Supplier                 | Cypress Semiconductor Distributor             |
| Cypress Semiconductor CY8CLED02D01-56LTXI | Cypress Semiconductor Corp CY8CLED02D01-56LTXI |                                               |

Related Products

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>CY8CLED02-16SXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 4KB FLASH 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>CY8CLED02-8SXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 4KB FLASH 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
|  <div><b>CY8CLED03D01-56LTXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 56VQFN<br/>In stock: 230 pcs<br/><div>RFQ</div></div> |  <div><b>CY8CLED03D02-56LTXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 56VQFN<br/>In stock: 68 pcs<br/><div>RFQ</div></div>  |
|  <div><b>CY8CLED04-68LFXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 68VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>CY8CLED02-24LFXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 4KB FLASH 24QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>CY8CLED02-24LFXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 4KB FLASH 24QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>    |  <div><b>CY8CLED02-16SXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 4KB FLASH 16SOIC<br/>In stock: 664 pcs<br/><div>RFQ</div></div>      |
|  <div><b>CY8CLED03G01-56LTXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 56VQFN<br/>In stock: 330 pcs<br/><div>RFQ</div></div> |  <div><b>CY8CLED04-68LFXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 68VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>CY8CLED02-8SXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 4KB FLASH 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>      |  <div><b>CY8CLED04-68LTXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 68QFN<br/>In stock: 144 pcs<br/><div>RFQ</div></div>     |