



Cypress Semiconductor



CY8C4128LQI-BL593T

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | CY8C4128LQI-BL593T                                                                                           |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | CY8C4128LQI-BL593T                                                                                           |
| Datasheets:         |  CY8C4128LQI-BL593T.pdf     |
| 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.

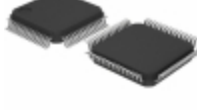
Specifications of CY8C4128LQI-BL593T

|                                  |                                                                                                            |
|----------------------------------|------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | CY8C4128LQI-BL593T                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                      |
| DESCRIPTION                      | CY8C4128LQI-BL593T                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                 |
| DATA SHEET                       |  CY8C4128LQI-BL593T.pdf |
| VOLTAGE - SUPPLY                 | 1.8 V ~ 5.5 V                                                                                              |
| TYPE                             | TxRx + MCU                                                                                                 |
| SERIES                           | PSOC® 4                                                                                                    |
| SERIAL INTERFACES                | I²C, SPI, UART                                                                                             |
| SENSITIVITY                      | -92dBm                                                                                                     |
| RF FAMILY/STANDARD               | Bluetooth, General ISM > 1GHz                                                                              |
| PROTOCOL                         | Bluetooth v4.2                                                                                             |
| POWER - OUTPUT                   | 3dB                                                                                                        |
| PACKAGE / CASE                   | 56-UFQFN Exposed Pad                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 105°C                                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                              |
| MODULATION                       | GFSK                                                                                                       |
| MEMORY SIZE                      | 256kB Flash, 8kB ROM, 32kB SRAM                                                                            |
| MANUFACTURER STANDARD LEAD TIME  | 17 Weeks                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                 |
| GPIO                             | 36                                                                                                         |
| FREQUENCY                        | 2.4GHz                                                                                                     |
| DETAILED DESCRIPTION             | IC RF TxRx + MCU Bluetooth, General ISM > 1GHz Bluetooth v4.2 2.4GHz 56-UFQFN Exposed Pad                  |
| DATA RATE (MAX)                  | 8Mbps                                                                                                      |
| CURRENT - TRANSMITTING           | 16.5mA ~ 20mA                                                                                              |
| CURRENT - RECEIVING              | 16.4mA ~ 18.7mA                                                                                            |

Related Tags

|                                          |                                               |                                              |
|------------------------------------------|-----------------------------------------------|----------------------------------------------|
| Cypress Semiconductor CY8C4128LQI-BL593T | CY8C4128LQI-BL593T Distributor                | CY8C4128LQI-BL593T Supplier                  |
| CY8C4128LQI-BL593T Price                 | CY8C4128LQI-BL593T Pictures                   | CY8C4128LQI-BL593T Image                     |
| CY8C4128LQI-BL593T PDF Datasheet         | CY8C4128LQI-BL593T Download Datasheet         | CY8C4128LQI-BL593T Datasheet                 |
| CY8C4128LQI-BL593T Stock                 | Buy CY8C4128LQI-BL593T                        | Buy Cypress Semiconductor CY8C4128LQI-BL593T |
| Cypress Semiconductor CY8C4128LQI-BL593T | Cypress Semiconductor Supplier                | Cypress Semiconductor Distributor            |
| Cypress Semiconductor CY8C4128LQI-BL593T | Cypress Semiconductor Corp CY8C4128LQI-BL593T |                                              |

Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                   |
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| <div></div> <div><b>CY8C4128LQI-BL593</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: CY8C4128LQI-BL593<br/>In stock: Out stock</div> <div>RFQ</div>              | <div></div> <div><b>CY8C4146AXI-S423</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 64KB FLASH 44TQFP<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>CY8C4145AXI-S423</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 44TQFP<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>CY8C4128LQI-BL473</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: CY8C4128LQI-BL473<br/>In stock: Out stock</div> <div>RFQ</div>             |
| <div></div> <div><b>CY8C4145AZI-S423</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 48TQFP<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>CY8C4128LQI-BL483</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 56QFN<br/>In stock: 141 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>CY8C4145AZI-S423T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 48TQFP<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>CY8C4128FNI-BL583T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: CY8C4128FNI-BL583T<br/>In stock: Out stock</div> <div>RFQ</div>           |
| <div></div> <div><b>CY8C4145AXI-S433</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 44TQFP<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>CY8C4128FNI-BL593T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: CY8C4128FNI-BL593T<br/>In stock: Out stock</div> <div>RFQ</div>           |
| <div></div> <div><b>CY8C4146AXI-S433</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 64KB FLASH 44TQFP<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>CY8C4128FNI-BL573T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: CY8C4128FNI-BL573T<br/>In stock: Out stock</div> <div>RFQ</div>           |