

CY37128VP160-83AXI



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**Part Number:** [CY37128VP160-83AXI](#)

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

**Description:** IC CPLD 128MC 15NS 160LQFP

**Data sheet:**  [Ultra37000 CPLD Family](#)

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

**Ship From:** Hong Kong

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

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                  |                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|----------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                               | CY37128VP160-83AXI                        | Manufacturer                     | <a href="#">Cypress Semiconductor</a>  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC CPLD 128MC 15NS 160LQFP                | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 4810 pcs                                  | Data sheet                       | <a href="#">Ultra37000 CPLD Family</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | Voltage Supply - Internal        | 3 V ~ 3.6 V                            |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 160-TQFP (24x24)                          | Series                           | Ultra37000™                            |
| Programmable Type                                                                                                                                                                                                                                                                                                                                                                                                                                                         | In-System Reprogrammable™ (ISR™) CMOS     | Packaging                        | Tray                                   |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 160-LQFP                                  | Operating Temperature            | -40°C ~ 85°C (TA)                      |
| Number of Macrocells                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 128                                       | Number of I/O                    | 133                                    |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                          |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                            | Lead free / RoHS Compliant                | Delay Time tpd(1) Max            | 15.0ns                                 |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CY37128                                   |                                  |                                        |
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|  | Part#: <a href="#">CY37128VP160-83AXCT</a><br>Description: IC CPLD 128MC 15NS 160LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY37192P160-83AXC</a><br>Description: IC CPLD 192MC 15NS 160LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">CY37192P160-83AXI</a><br>Description: IC CPLD 192MC 15NS 160LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">CY37128VP160-83AXIT</a><br>Description: IC CPLD 128MC 15NS 160LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY37128VP100-125AXC</a><br>Description: IC CPLD 128MC 10NS 100LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY37192P160-125AXC</a><br>Description: IC CPLD 192MC 10NS 160LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">CY37128VP160-83AXC</a><br>Description: IC CPLD 128MC 15NS 160LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY37192VP160-66AXC</a><br>Description: IC CPLD 192MC 20NS 160LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY37192P160-125AXI</a><br>Description: IC CPLD 192MC 10NS 160LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
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