



[Community](#)
[English](#)
[Log in](#)

**SOLUTIONS PRODUCTS DESIGN SUPPORT BUY & SAMPLE**  
**ABOUT CYPRESS**

[Home](#) > [Products](#) > CYPD3196-24LDXS

## CYPD3196-24LDXS

Status: **In Production**

[Product Specs](#)
[Pricing & Inventory](#)
[Packaging/Ordering](#)
[Quality and RoHS](#)
[Technical Documents](#)

### CYPD3196-24LDXS

|   |                                   |
|---|-----------------------------------|
| Development Kit                           | <a href="#">CY4532</a>            |
| Application                               | Mobile Power Adapter/ Car Charger |
| Automotive Qualified                      | Y                                 |
| CPU Core                                  | ARM Cortex-M0                     |
| Flash (KB)                                | 64                                |
| I/O Options                               | GPIO,I2C,SPI,UART                 |
| Max. Operating Temp. (°C)                 | 85                                |
| Max. Operating Voltage (V)                | 5.50                              |
| Min. Operating Temp. (°C)                 | -40                               |
| Min. Operating Voltage (V)                | 2.70                              |
| No. of Dedicated Timer/Counter/PWM Blocks | 4                                 |
| No. of I/Os                               | 12                                |
| No. of Serial Communication Blocks        | 2                                 |
| No. of Type-C Ports                       | 1                                 |
| SRAM (KB)                                 | 8                                 |
| Software Tools                            | EZ-PD SDK                         |
| Tape & Reel                               | N                                 |
| Termination Resistor                      | Rp                                |
| USB FS Device/Billboard                   | N                                 |
| VBUS FET Gate Drivers                     | Y                                 |
| VBUS Short Protection                     | Y                                 |
| VCONN FET                                 | N                                 |

### DESIGN SUPPORT

[Development Kits](#)  
[Forums](#)  
[Knowledge Base](#)  
[Packaging](#)  
[Product Brochures](#)  
[Quality & Reliability](#)  
[Samples](#)  
[Technical Support](#)  
[Technical Training](#)  
[Third Party Network \(CYPros\)](#)

### TRAINING

[Workshops](#)  
[Training On-Demand](#)  
[Webinars](#)

[Feedback](#)

## PRICING &amp; INVENTORY AVAILABILITY

| 1-9 unit Price* | 10-24 unit Price* | 25-99 unit Price* | 100-249 unit Price* | 250-999 unit Price* | 1000+ unit Price* |
|-----------------|-------------------|-------------------|---------------------|---------------------|-------------------|
| \$3.56          | \$3.08            | \$2.92            | \$2.43              | \$2.36              | \$2.20            |

| Availability | Quantity | Ships In    | Buy from Cypress              | Buy from Distributors         |
|--------------|----------|-------------|-------------------------------|-------------------------------|
| In Stock     | 1 000    | 24-48 hours | <a href="#">Contact Sales</a> | <a href="#">Contact Sales</a> |

\* Prices are shown in United States dollars and are for budgetary use only for volume of 1ku

## PACKAGING/ORDERING

|                                       |                                     |
|---------------------------------------|-------------------------------------|
| No. of Pins                           | 24                                  |
| Package Cross Section Drawing         | <a href="#">Download</a>            |
| Package Carrier                       | TRAY                                |
| Package Carrier Drawing / Orientation | <a href="#">Package Orientation</a> |
| Standard Pack Quantity                | 490                                 |
| Minimum Order Quantity (MOQ)          | 490                                 |
| Order Increment                       | 490                                 |
| Estimated Lead Time (days)            | 91                                  |
| HTS Code                              | 8542.31.0001                        |
| ECCN Suball                           | 3A991.A.2                           |

## QUALITY AND ROHS

|                                  |  |
|----------------------------------|--|
| Moisture Sensitivity Level (MSL) | 3  |
| Peak Reflow Temp. (°C)           | 260 ( <a href="#">Cypress Reflow Profile</a> )         |
| RoHS Compliant                   | <a href="#">Y Print RoHS Certificate of Compliance</a> |
| PB Free                          | Y  |
| Lead/Ball Finish                 | PBO/Cu/PBO   |
| Marking                          | <a href="#">Cypress Marking Format</a>                 |

## TECHNICAL DOCUMENTS

|  |
|--|
| <b>Product Information Notice (PIN) (2)</b><br><a href="#">PIN195102 Jan 07, 2020</a><br><a href="#">PIN195102A Dec 21, 2019</a> |
|--|

[SOLUTIONS](#)
[PRODUCTS](#)
[DESIGN SUPPORT](#)
[ABOUT US](#)

Automotive  
Industrial  
Consumer

Wireless  
Microcontrollers (MCUs)  
Memory  
Universal Serial Bus (USB)  
Power Management  
Touch Sensing  
Clocks & Buffers

Community  
Videos  
Quality & Reliability  
Product Roadmaps

Investors  
Careers

**CORPORATE HEADQUARTERS**

Cypress Semiconductor Corp.  
198 Champion Court  
San Jose, CA 95134 USA  
Tel: +1-408-943-2600

**CUSTOMER SERVICE SUPPORT**

+1-800-541-4736  
Hours:  
8:00AM - 5:00PM (local time)  
Create a MyCase  
Cypress Developer Community

**INTERNATIONAL SUPPORT**

+1-408-943-2600  
United States +1-800-541-4736  
Hours:  
4:30AM - 1:30PM (pacific time)  
7:30PM - 4:30AM (standard time)

**OTHER REQUESTS**

Contact Us  
Report a Website Problem  
Report a Security Vulnerability

[ABOUT US](#)   [CAREERS](#)   [INVESTORS](#)   [LEGAL](#)



© Cypress Semiconductor Corporation. All rights reserved.

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [USB Interface IC](#) category:*

*Click to view products by [Cypress](#) manufacturer:*

Other Similar products are found below :

[CY7C69356-48LTXC](#) [USB3319C-GJ-TR](#) [USB3370B-EZK-TR](#) [CYPD2120-24LQXI](#) [CYPD2122-20FNXIT](#) [CYPD2122-24LQXIT](#) [LIF-UC120-SWG36ITR50](#) [UPD360-A/6HX](#) [CP2102NP1174GM](#) [DPO2039DABQ-13](#) [CY7C68034-56LTXC](#) [TUSB212RWBT](#) [TUSB213IRGYT](#) [TUSB213RGYT](#) [USB3503T-I/ML](#) [CY7C63310-SXC](#) [USB3316C-CP-TR](#) [USB3250-ABZJ](#) [MAX3107ETG+](#) [MAX14632EZK+T](#) [LAN9514-JZX](#) [CYPD2120-24LQXIT](#) [MAX3100CEE+T](#) [USB5806/KD](#) [USB5826-I/KD](#) [USB5826/KD](#) [USB5906/KD](#) [USB5916/KD](#) [USB5926/KD](#) [TUSB215QRGYTQ1](#) [NB7NPQ701MMTTBG](#) [TUSB213RGYR](#) [USB5926-I/KD](#) [USB5906-I/KD](#) [USB4640I-HZH-03](#) [CY7C63813-SXC](#) [CY7C63823-SXC](#) [CY7C64215-28PVXC](#) [CY7C68013A-128AXC](#) [CY7C68013A-56LTXC](#) [CY7C68013A-56LTXI](#) [CY7C68013A-56PVXC](#) [CY7C68013A-56PVXI](#) [CYPD1120-40LQXI](#) [AP43771VDKZ-13](#) [AP43771VFBZ-13](#) [DIO32320MP10](#) [HT42B534-2](#) [FT2232HPQ-TRAY](#) [FT312D-32L1C-T](#)