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[Home](#) > [Products](#) > CYPD3197-24LDXS

CYPD3197-24LDXS

Status: In Production

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

CYPD3197-24LDXS

Development Kit	CY4532
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

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PRICING & 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*
\$3.17	\$2.74	\$2.59	\$2.16	\$2.10	\$1.95

Availability	Quantity	Ships In	Buy from Cypress	Buy from Distributors
In Stock	1 000	24-48 hours	Contact Sales	Contact Sales

* 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	Download
Package Carrier	TRAY
Package Carrier Drawing / Orientation	Package Orientation
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 (Cypress Reflow Profile)
RoHS Compliant	Y Print RoHS Certificate of Compliance
PB Free	Y
Lead/Ball Finish	PBO/Cu/PBO
Marking	Cypress Marking Format

TECHNICAL DOCUMENTS

Product Information Notice (PIN) (2) PIN195102 Jan 07, 2020 PIN195102A Dec 21, 2019
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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:
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7:30PM - 4:30AM (standard time)

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