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CY6611

Overview

CY6611 EZ-USB™ HX3PD Evaluation Kit (EVK)

The CY6611 EZ-USB™ HX3PD EVK is based on the Infineon EZ-USB™ HX3PD Hub controller (CYUSB4347-BZXC). HX3PD is a family of USB 3.1 Gen 2 (10 Gbps) Type-C Hub controllers with USB Power Delivery (PD) that complies with the USB 3.1 Gen 2 specification and the latest USB Type-C and USB PD standards. CYUSB4347-BZXC is a USB-IF certified USB 3.1 Gen 2 (10 Gbps) hub silicon (TID # 5030000008). The CY6611 EVK is a 7-port evaluation kit designed to demonstrate the USB 3.1 Gen 2 hub, USB PD 3.0 and USB Battery Charging (BC 1.2) functionalities of the HX3PD controller.

+ Kit Features

- USB 3.1 Gen 2 (10 Gbps) data transfer on five Downstream (DS) ports (DS1-DS5)
- USB 2.0 data transfer on seven DS ports (DS1-DS7)
- USB PD 3.0 charging on Upstream (US) and DS1 port
- USB Battery Charging (BC v1.2) and Apple charging on four DS ports (DS2-DS5)
- Configure and program the HX3PD firmware

+ Kit Contents

- CY6611 EZ-USB™ HX3PD EVK Board
- 19-V, 65.2-W AC/DC Power Adapter
- Full-featured USB Type-C Cable
- Quick Start Guide

 Follow





Parametrics

Parametrics	CY6611
Board Type	Evaluation Board
Family	HX3PD

Parametrics	CY6611
Input Type	DC
Product Description	The CY6611 EVK is a 7-port evaluation kit designed to demonstrate the USB 3.1 Gen 2 hub, USB PD 3.0 and USB Battery Charging (BC 1.2) functionalities of the HX3PD controller.
Qualification	Industrial ; Consumer
Target Application	Adapters and chargers ; Home entertainment ; Mobile devices

Documents

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ret=https%3A%2F%2Fwww.infineon.com%2Fcms%2Fen%2Fproduct%2Fevaluation-boards%2Fcy6611%2F%23!documents)

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+ User Manual



EZ-USB™ HX3PD CY6611 Evaluation kit guide **NEW**  (/dgdl/Infineon-CY6611_EZ-USB_HX3PD_EVK_Guide-UserManual-v01_00-EN.pdf?fileId=8ac78c8c7d0d8da4017d0f68f71b5b17)

> EN (/dgdl/Infineon-CY6611_EZ-USB_HX3PD_EVK_Guide-UserManual-v01_00-EN.pdf?fileId=8ac78c8c7d0d8da4017d0f68f71b5b17)

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Order

Sales Product Name	CY6611
OPN  Info	CY6611
Product Status	active and preferred
Infineon Package name	--
Standard Package name	

Sales Product Name	CY6611
Order online	
Completely lead free	
Halogen free	
RoHS compliant	yes
Packing Size	1
Packing Type	TRAY
Moisture Level	
Moisture Packing	NON DRY

Design Support

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PCB Design Data

zip
EZ-USB™ HX3PD CY6611 Evaluation kit hardware files

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Development Tools

DOWNLOAD - CY6611EZUSBHX3PDEVKSetup_revSS.exe



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