



Gowin USB Type-C PD Protocol Hardware and Software Design

Release Note

RN544-1.0E, 3/31/2019

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Revision History

Date	Version	Description
3/31/2019	1.0E	Initial version published.

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About This Release

Gowin USB Type-C Power Delivery Protocol Hardware and Software Design is released.

1. Gowin USB Type-C PD Protocol Hardware Design
2. Gowin USB Type-C PD Protocol Software Design

Gowin USB Type-C Power Delivery Protocol packet is available at Gowin Website. Parameters have been configured. It can be used in ARM KEIL Microcontroller Tool and GOWIN FPGA Designer.

Feature and Enhancement Summary

The released Gowin USB Type-C PD functions and enhancement items are as follows:

Function	Description
IPs front-end synthesis tool of Gowin USB Type-C PD Protocol : SynplifyPro, O-2018.09G-SPI-Beta5	
Support Gowin USB Type-C PD Protocol	Hardware Development Platform Hardware Design Software Design
MCU IPs back-end place and route tool: GOWIN FPGA Designer version 1.9.0 Beta MCU C compile and debug tools: Keil uVision V5.24.2.0	
Enhancements	–
New Devices Supported	<ul style="list-style-type: none"> ● GW2A series ● GW2AR series ● GW1N-9 ● GW1NR-9

Platform Supported

The corresponding software of the released Gowin USB Type-C PD supports the following platforms:

Windows	Windows 7 (32/64-bit)
Linux	Red Hat Enterprise Linux 5/6/7 (64-bit)

Documents

The released Gowin USB Type-C PD documents are listed in the table below. You can download the PDF manuals at Gowin website or read online.

Documents	Usage
Gowin USB Type-C PD Protocol Hardware and Software Design Reference Manual	Online, PDF
Gowin USB Type-C PD Protocol Hardware and Software Design Release Note	Online, PDF

