

USB-C Power Delivery Implementation of Power + Data

STUSB4500 block diagram examples implementing USB-C Power (from Vbus) with USB2.0 Data (D+/D-)

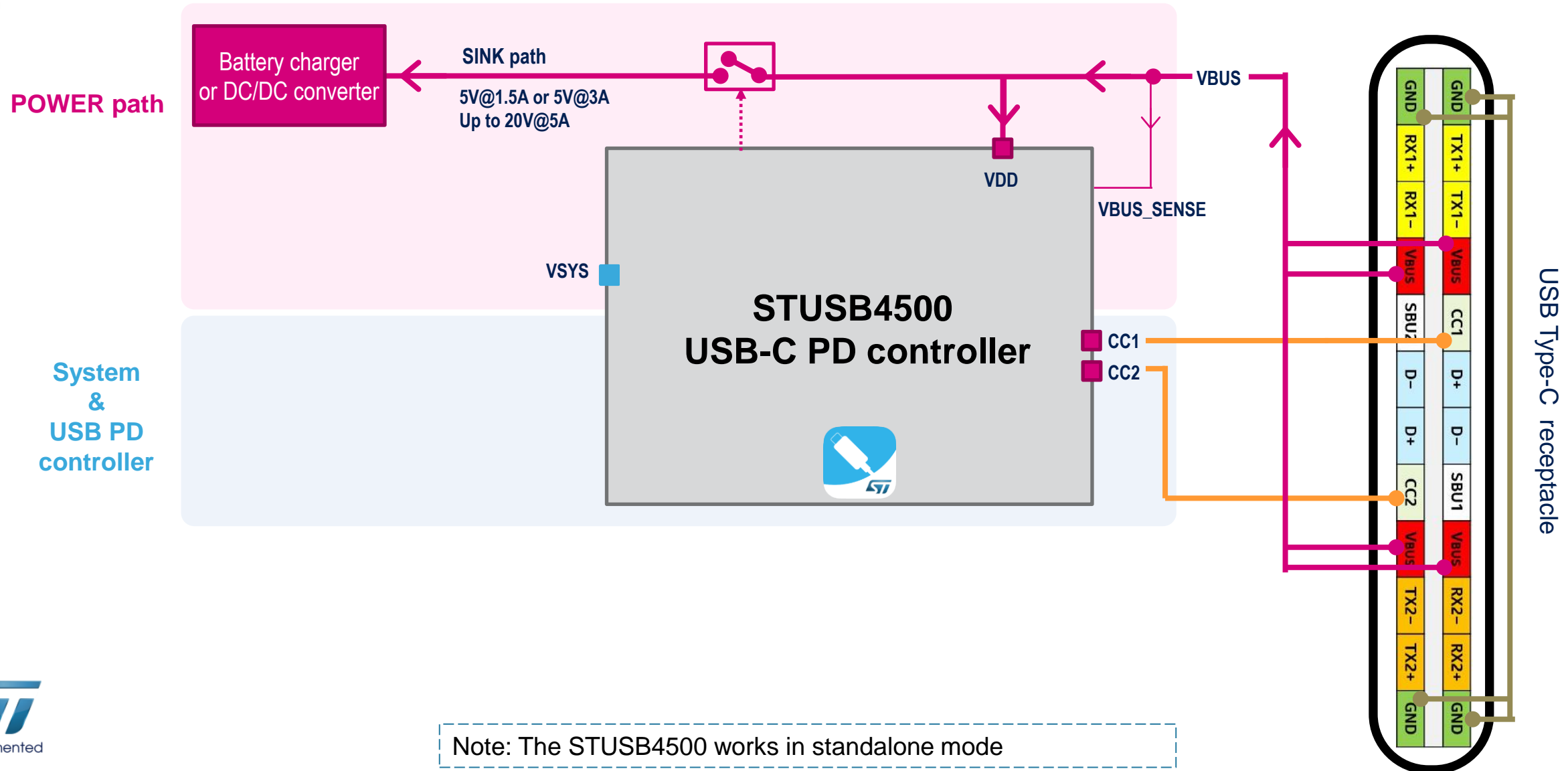




USB-C Sink implementation with STUSB4500

Case 1: Power only (no USB data)

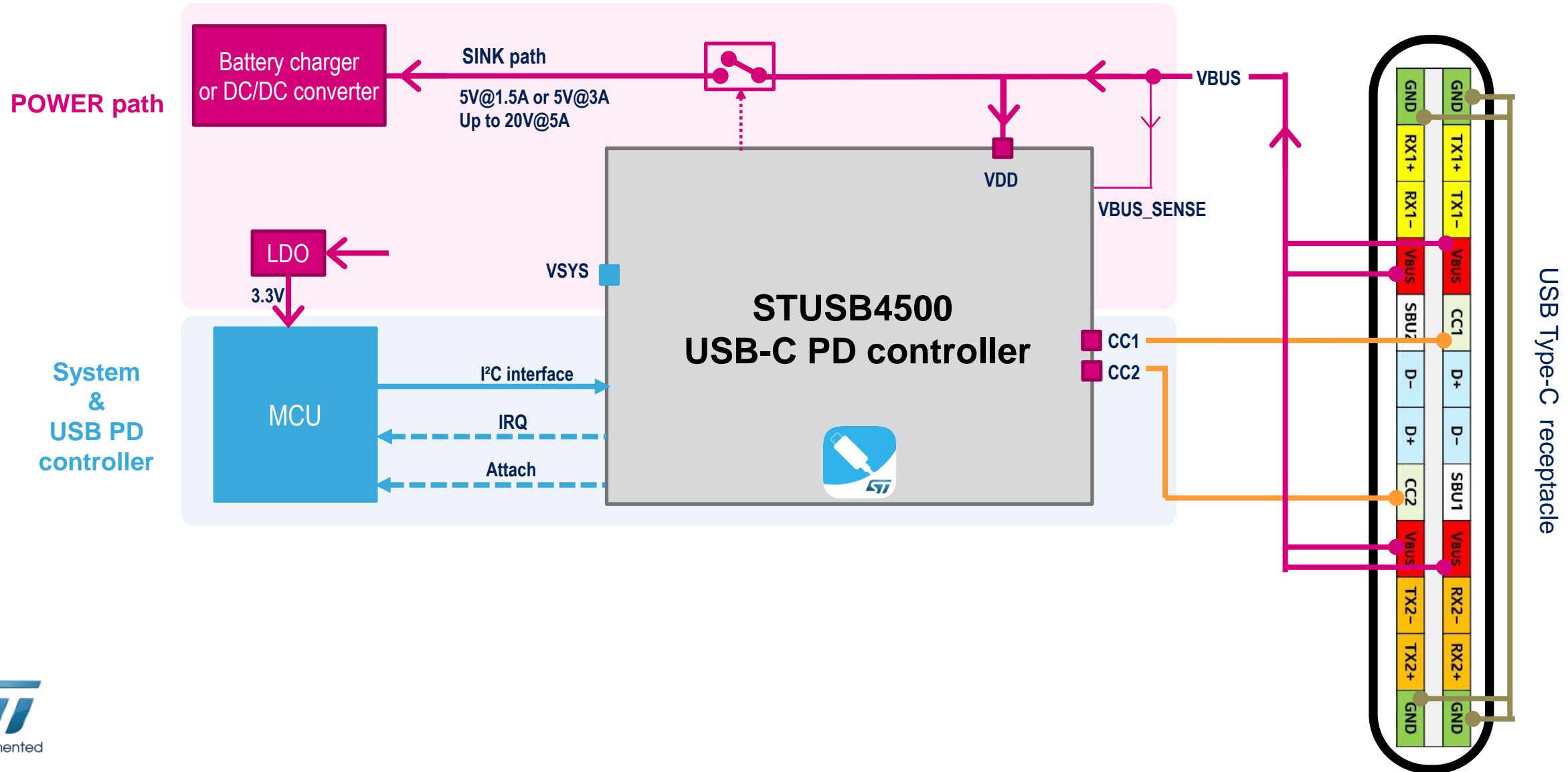
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USB-C Sink implementation with STUSB4500

Case 2: Power only (with connection to microcontroller)

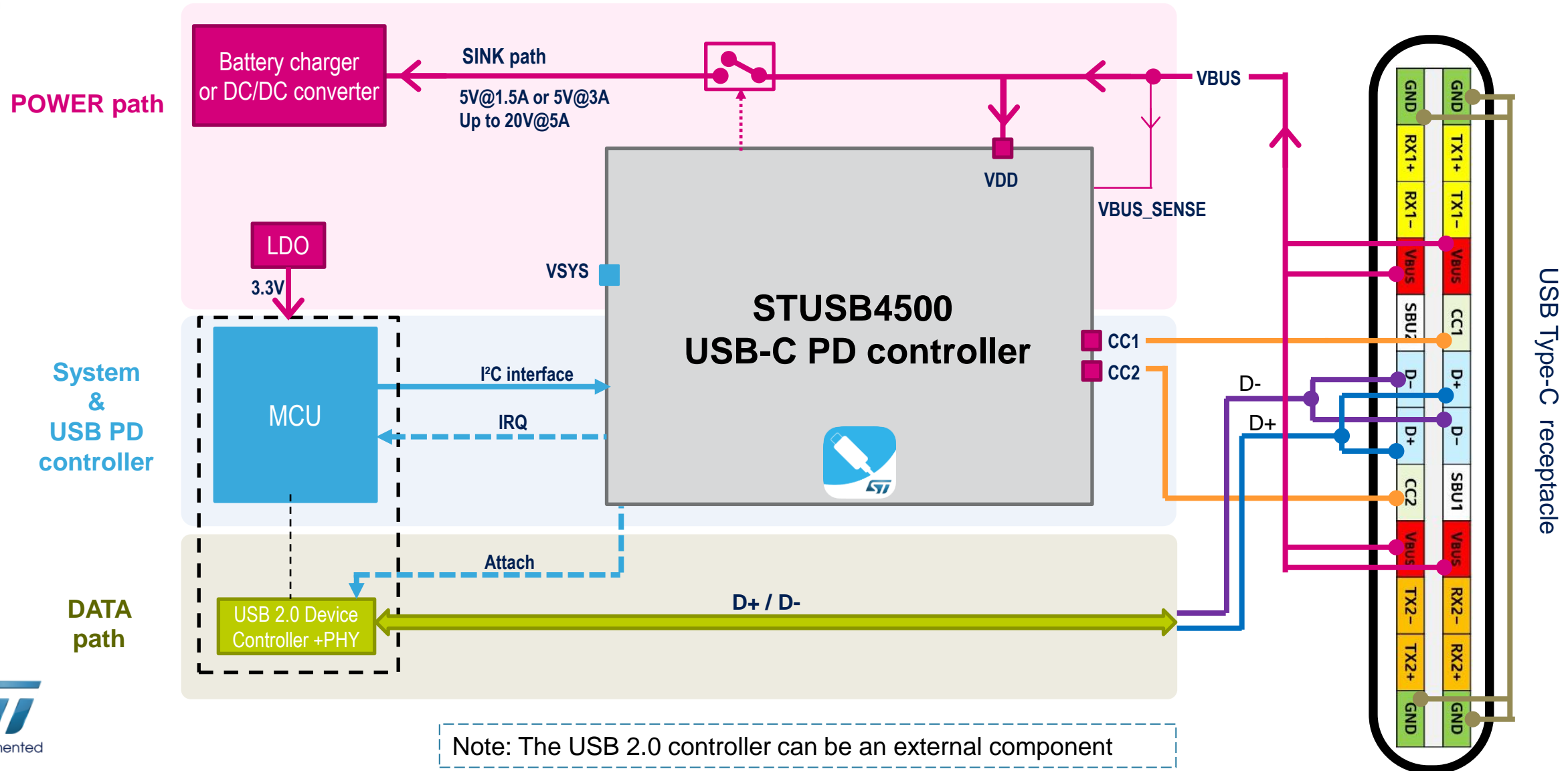




USB-C Sink implementation with STUSB4500

Case 3: Power + USB2.0 Data (with any microcontroller)

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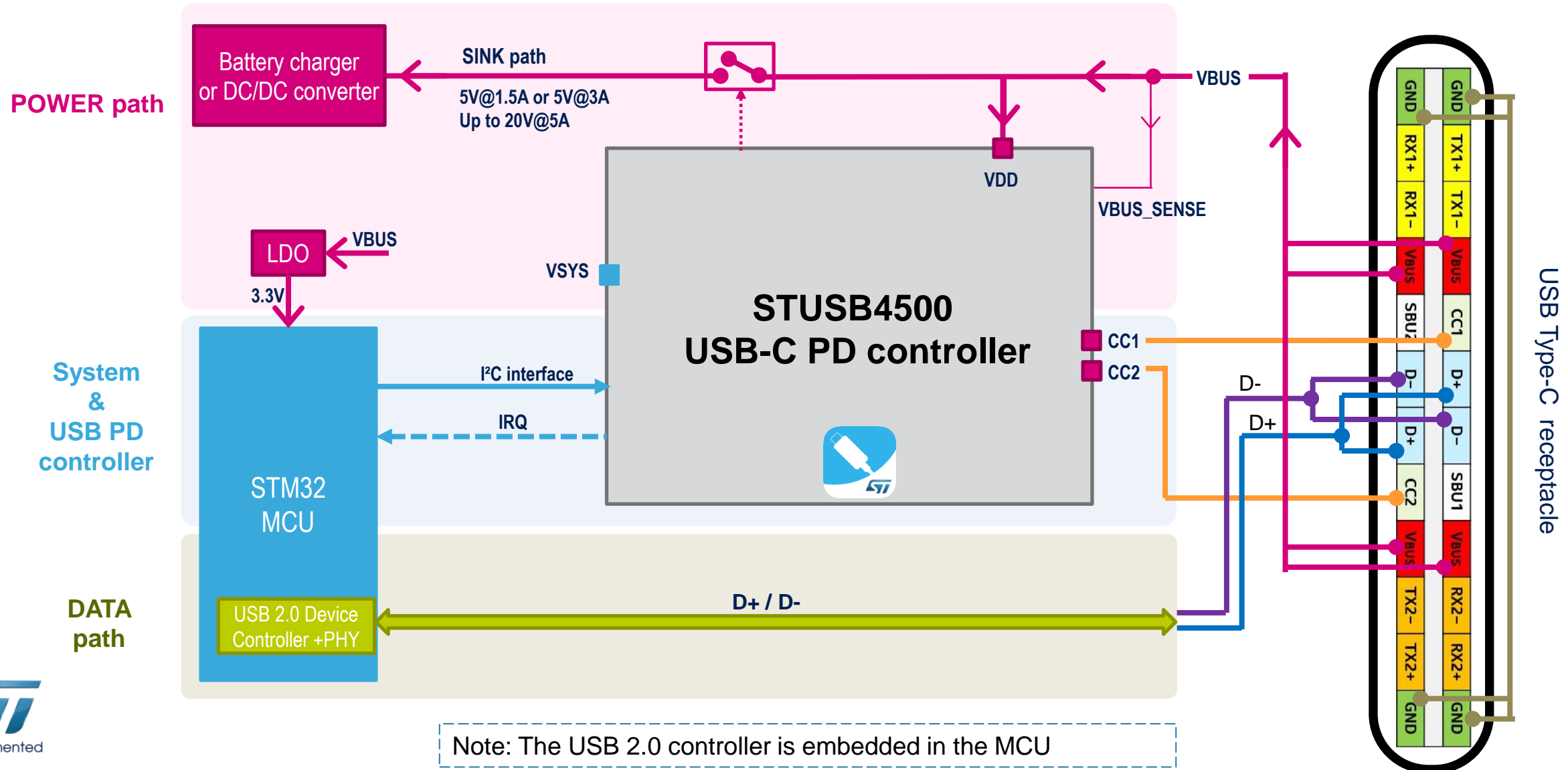




USB-C Sink implementation with STUSB4500

Case 4: Power + USB2.0 Data (with STM32 microcontroller)

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USB-C Sink implementation with STUSB4500

Case 5: Power + USB2.0 Data (No microcontroller)

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