

EVAL-SCS001V1

Data brief

Fast and easy migration from DC barrel to Type-C

STUSB4500 reference design Fast & easy migration to USB-C	Libe-ougmente
The board is pre-configured with 3 power profil PD01: 5V/1.5A PD02: 15V/1.5A PD03: 20V/1.0A	as (from lowest priority to highest).
After connection to compatible USB PD source, USB PD negotilation result with the following col Blue: 5 V Purple: 15 V Light blue: 20 V	

Features

- USB Power Delivery SINK port
- Short-to VBUS protection up to 28 V
- Low BOM cost, small footprint
- Status LED

Description

The EVAL-SCS001V1 reference design allows the user to create a USB Type-C connector quickly and easily in order to power any application up to 100 W (20 V, 5 A).

Product status link		
EVAL-SCS001V1		
Product summary		
Stand-alone USB PD controller	STUSB4500	

1 Schematic diagram

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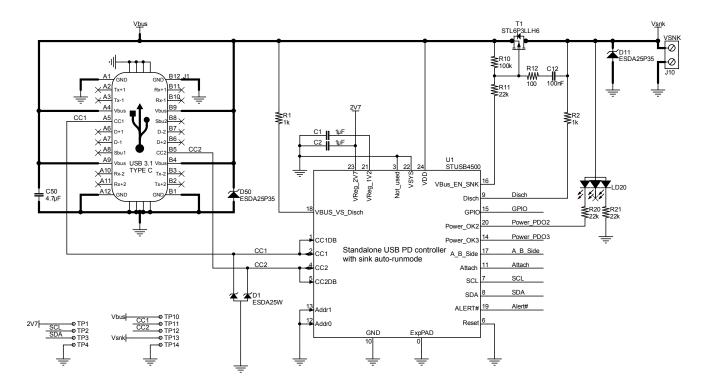


Figure 1. EVAL-SCS001V1 schematic diagram

Revision history

Date	Version	Changes
15-Jan-2019	1	Initial release.
29-Apr-2019	2	Updated cover image.
22-Oct-2019	3	Updated Figure 1. EVAL-SCS001V1 schematic diagram.
20-Nov-2019	4	Minor text changes
14-Sep-2020	5	Updated cover image.

Table 1. Document revision history

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