

EVAL-SCS002V1

Data brief

Fast and easy migration from USB micro-B to Type-C

EVAL-SCS002V1	_
STUSB4500L reference design Fast & easy migration to 5 V USB-C	Liiskaugmented
After connection to a compatible USB port, the STUSB4500L Closes the switch to power up the system (if the VBUS vo 3.3 V and 5.75 V) Description of the transmission of the transmissio	reference design: Atage ranges between
Reports the maximum seatable current according to the Bits + Green : 15 A Bits + Green : 15 A Bits + Ped: 3 A	

Features

- USB Type-C SINK port
- Short-to VBUS protection up to 28 V
- Low bill of material cost, small footprint
- Source power budget reporting LEDs

Description

The EVAL-SCS002V1 shows minimum USB-C sink implementation. It can be used as a small footprint reference design for fast migration of any USB mini-B, micro-B or STD-B application to USB-C.

It is based on the STUSB4500L USB controller IC and is certified as "Power Sinking Device" (TID #1455).

Product status link		
EVAL-SCS002V1		
Related product		
Stand-alone USB-C sink controller	STUSB4500L	

1 Application schematic

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Figure 1. Application schematic

Revision history

Date	Version	Changes
04-Oct-2019	1	Initial release.
20-Dec-2019	2	Updated the cover page.
10-May-2021	3	Updated cover image.

Table 1. Document revision history

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