

Data brief

Fast and easy migration from DC barrel to Type-C



Features

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

Description

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

Product summary	
stand-alone USB PD controller	STUSB4500QTR



1 Schematic diagram

STL6P3LLH6 U1 STUSB4500 VBus EN SNI GPIO GPIC VBUS VS Disch Power_PDO2 Power_PDO3 CC1DB Power_OK Standalone USB PD controller A_B_Side A_B_Side Attach SCL **★**D1 ESDA25W SCL SDA SDA ALERT# 19 Alert#

Figure 2. STREF-SCS001V1 schematic

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Revision history

Table 1. Document revision history

Date	Version	Changes
31-Jul-2018	1	Initial release.

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