

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 EVAL-SCS001V1 reference design allows 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).





1 Schematic diagram

A10 Rx-2 Rx+2 C50 4.7µF D50 ESDA25P35 Disch GPIO VBUS_VS_Disch GPIC Power_PDO2 Power_PDO3 Standalone USB PD controller A_B_Side A B Side Attach SCL SCL CC2DB SDA SDA D1 ESDA25W Alert#

Figure 1. EVAL-SCS001V1 schematic diagram

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Revision history

Table 1. Document 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.

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