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

<table>
<thead>
<tr>
<th>Product summary</th>
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<tbody>
<tr>
<td>stand-alone USB PD</td>
<td>STUSB4500QTR</td>
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<tr>
<td>controller</td>
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</table>
Figure 2. STREF-SCS001V1 schematic
## Revision history

**Table 1. Document revision history**

<table>
<thead>
<tr>
<th>Date</th>
<th>Version</th>
<th>Changes</th>
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<tbody>
<tr>
<td>31-Jul-2018</td>
<td>1</td>
<td>Initial release.</td>
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