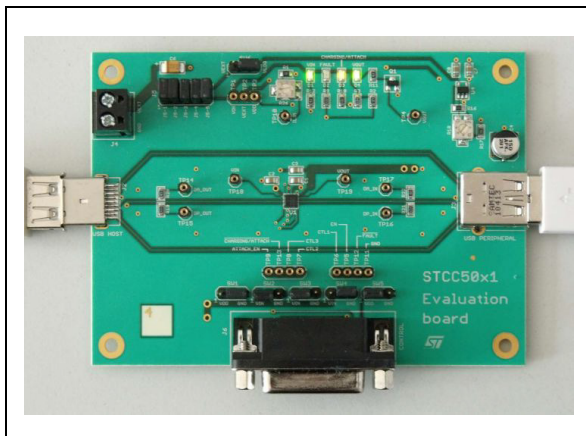


## Evaluation board for STCC2540 USB charging controller

Data brief



### Description

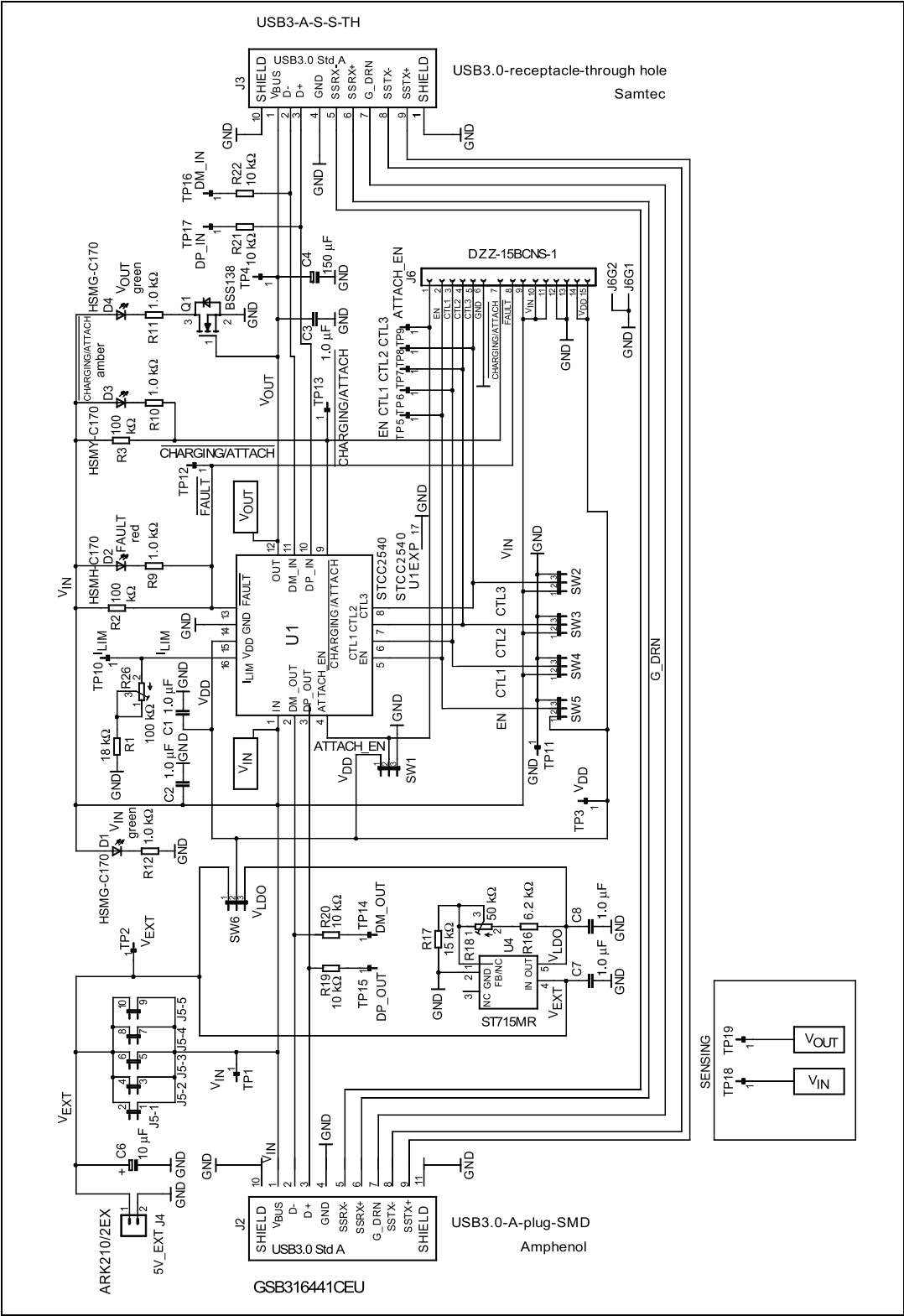
This STEVAL-ISB019V1 evaluation board allows the easy measurement of STCC2540 parameters and the evaluation of all its functions and operating modes.

### Features

- USB 2.0 SDP or CDP data pass-through with S3 remote wakeup support or automatic charging
- Permanent USB 3.0 SuperSpeed data pass-through between input and output USB connector
- CDP mode with charging indication after CDP negotiation
- DCP modes with charging indication (BC1.2 mode, divider mode, auto-detect mode)
- Charging/end-of-charging detection and indication
- Resistor-programmable precise current limiter and short-circuit protection
- RoHS compliant

# 1 Schematic diagram

Figure 1. STEVAL- ISB019V1 circuit schematic



## 2 Revision history

**Table 1. Document revision history**

<b>Date</b>	<b>Revision</b>	<b>Changes</b>
10-Dec-2013	1	Initial release.
04-Mar-2014	2	Short description has been updated.

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