

# **Excellent Integrated System Limited**

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

STMicroelectronics STEVAL-PCC002V1

For any questions, you can email us directly: <u>sales@integrated-circuit.com</u>



**Distributor of STMicroelectronics: Excellent Integrated System Limited** Datasheet of STEVAL-PCC002V1 - EVAL BOARD LOW SPEED USB Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com



# STEVAL-PCC002V1

### Low speed USB to serial bridge based on ST7263B

Data Brief

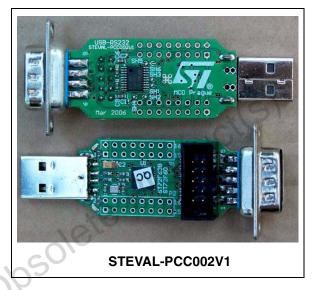
### Features

- PC executable software for HID communication
- CTS/RTS flow control
- Two LEDs to indicate traffic direction
- In-circuit programming capability through ICC connector
- Wrapping area capability with access to MCU I/Os

### Description

The board is a complete evaluation board for a serial port bridge as well as an evaluation board for ST72F63B/60 devices. This application is used to interface devices with a serial port (RS232 type) and a host-computer USB port. USB data transfers comply with HID-class protocols. The bridge is based on a USB low-speed microcontroller which provides a maximum guaranteed USB transfer rate of 800 bytes per second. The bridge application is evaluated on a PC by running a dedicated applet that controls and monitors data transfers on both the USB and serial COM ports. The included hardware provides in-circuit crogramming (ICP) capabilities for the microcontroller and almost all the MCU I/ Os are available on expansion connectors to evaluate different applications. The RS232 part can be separated by removing the appropriate soldering joints (shunts). This can be used to modify certain firmware or hardware parameters for evaluation or customization purposes.

For further information contact your local STMicroelectronics sales office.



1/4



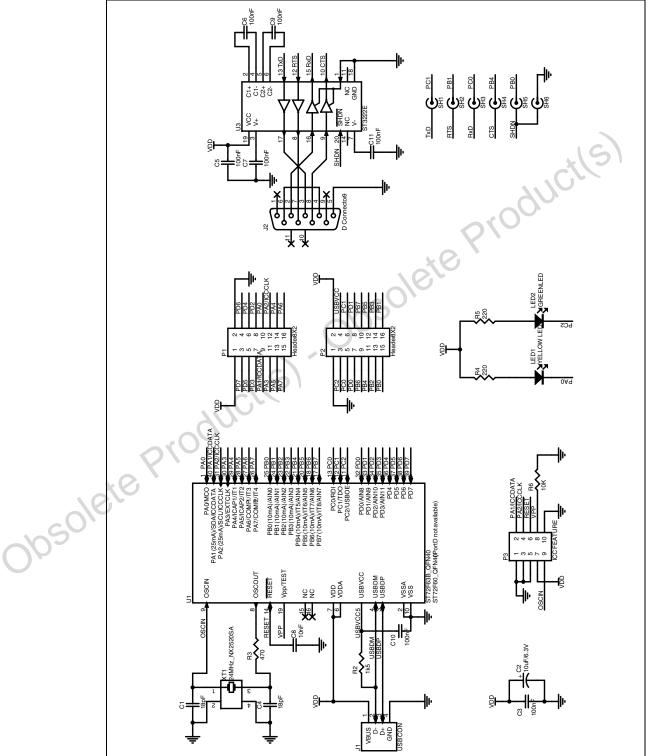
**Distributor of STMicroelectronics: Excellent Integrated System Limited** Datasheet of STEVAL-PCC002V1 - EVAL BOARD LOW SPEED USB Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

### **Board schematic**

STEVAL-PCC002V1

## 1 Board schematic









### STEVAL-PCC002V1

**Revision history** 

## 2 Revision history

#### Table 1. Document revision history

Date	Revision	Changes
19-Oct-2007	1	Initial release

obsolete Product(s). Obsolete Product(s)



#### STEVAL-PCC002V1

5/

#### **Please Read Carefully:**

Information in this document is provided solely in connection with ST products. STMicroelectronics NV and its subsidiaries ("ST") reserve the right to make changes, corrections, modifications or improvements, to this document, and the products and services described herein at any time, without notice.

All ST products are sold pursuant to ST's terms and conditions of sale.

Purchasers are solely responsible for the choice, selection and use of the ST products and services described herein, and ST assumes no liability whatsoever relating to the choice, selection or use of the ST products and services described herein.

No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted under this document. If any part of this document refers to any third party products or services it shall not be deemed a license grant by ST for the use of such third party products or services, or any intellectual property contained therein or considered as a warranty covering the use in any manner whatsoever of such third party products or services or any intellectual property contained therein.

UNLESS OTHERWISE SET FORTH IN ST'S TERMS AND CONDITIONS OF SALE ST DISCLAIMS ANY EXPRESS OR IMPLIED WARRANTY WITH RESPECT TO THE USE AND/OR SALE OF ST PRODUCTS INCLUDING WITHOUT LIMITATION IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE (AND THEIR EQUIVALENTS UNDER THE LAWS OF ANY JURISDICTION), OR INFRINGEMENT OF ANY PATENT, COPYRIGHT OR OTHER INTELLECTUAL PROPERTY RIGHT.

UNLESS EXPRESSLY APPROVED IN WRITING BY AN AUTHORIZED ST REPRESENTATIVE, ST PRODUCTS ARE NOT RECOMMENDED, AUTHORIZED OR WARRANTED FOR USE IN MILITARY, AIR CRAFT, SPACE, LIFE SAVING, OR LIFE SUSTAINING APPLICATIONS, NOR IN PRODUCTS OR SYSTEMS WHERE FAILURE OR MALFUNCTION MAY RESULT IN PERSONAL INJURY, DEATH, OR SEVERE PROPERTY OR ENVIRONMENTAL DAMAGE. ST PRODUCTS WHICH ARE NOT SPECIFIED AS "AUTOMOTIVE GRADE" MAY ONLY BE USED IN AUTOMOTIVE APPLICATIONS AT USER'S OWN RISK.

Resale of ST products with provisions different from the statements and/or technical features set forth in this document shall immediately void any warranty granted by ST for the ST product or service described herein and shall not create or extend in any manner whatsoever, any liability of ST.

ST and the ST logo are trademarks or registered trademarks of ST in various countries.

Information in this document supersedes and replaces all information previously supplied.

The ST logo is a registered trademark of STMicroelectronics. All other names are the property of their respective owners.

© 2007 STMicroelectronics - All rights reserved

STMicroelectronics group of companies

Australia - Belgium - Brazil - Canada - China - Czech Republic - Finland - France - Germany - Hong Kong - India - Israel - Italy - Japan -Malaysia - Malta - Morocco - Singapore - Spain - Sweden - Switzerland - United Kingdom - United States of America

www.st.com