

DSI to HDMI adapter board for STM32 Development Tools

Data brief

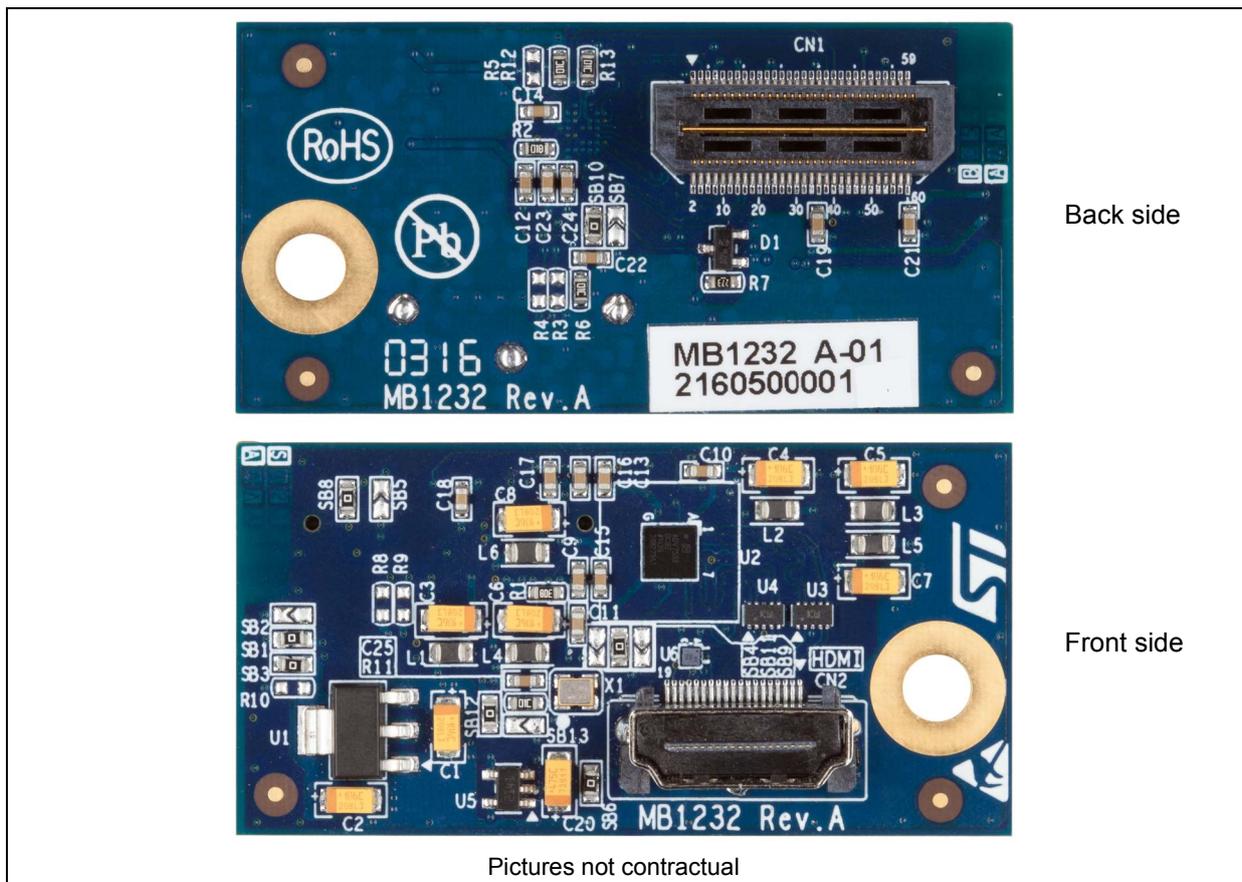
Features

- Up to four lanes of MIPI/DSI data, each running up to 800 Mbps (video mode only: Non-Burst mode with synchronization pulse)
- 2-channels I2S transmits stereo up to 192 kHz sampling rate
- S/PDIF carries stereo LPCM audio or compressed audio
- HDMI output connector:
 - Support of video resolutions with pixel clocks up to 80 MHz
 - Support of CEC signals, 5 V-tolerant I2C and HPD I/Os
 - Common-mode filters with ESD protection

Description

The DSI to HDMI adapter board (order code B-LCDAD-HDMI1) provides DSI input port and HDMI output port. It can be used on STM32 evaluation boards or discovery boards, to demonstrate video solutions based on STM32 MCUs.

Thanks to the bridge chip ADV7533, the DSI to HDMI adapter board can support 2-, 3- or 4-lanes DSI video input data, S/PDIF, 2-channels I2S audio input data and HDMI v1.3 output port.



1 Revision history

Table 1. Document revision history

Date	Revision	Changes
08-Jun-2016	1	Initial release.

IMPORTANT NOTICE – PLEASE READ CAREFULLY

STMicroelectronics NV and its subsidiaries (“ST”) reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST’s terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers’ products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.

© 2016 STMicroelectronics – All rights reserved



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Sockets & Adapters](#) category:

Click to view products by [STMicroelectronics](#) manufacturer:

Other Similar products are found below :

[6508-0-00-01-00-00-33-0](#) [AC164348](#) [1262](#) [22827](#) [AC164353](#) [TDGL015](#) [SA247](#) [SM64TQ-ACTEL-1](#) [70-0036](#) [8.06.03](#) [DS91230+](#) [SMPA-ISP-ACTEL-3-KIT](#) [16017](#) [LFVDBGF](#) [KIT 70601-3](#) [SM132CQ-ACTEL](#) [IPC0181](#) [IPC0175](#) [IPC0165](#) [AC164397](#) [conga-Thin MITX/eDP to DP Adapter](#) [SLG46621V-SKT](#) [SLG46722V-SKT](#) [ML-ADP-EVN](#) [ASA.01](#) [ASA.09](#) [ASA.12](#) [ASA.14](#) [TOOLSTICK990MPP](#) [C305000ACP2](#) [110-83-320-41-605101](#) [110-83-632-41-605101](#) [110-83-640-41-605101](#) [110-83-628-41-605101](#) [116-83-306-41-001101](#) [PA0003](#) [PA0007](#) [PA0009](#) [PA0035](#) [PA0085](#) [PA0096](#) [IPC0079](#) [ATARD-DBGADPT](#) [80-000286](#) [ATSTK600-RC46](#) [ATSTK600-RC88](#) [ATSTK600-SC06](#) [ATSTK600-RC78](#) [SPC560PADPT64S](#) [AC164345](#)