



# Product Change Notification

**PCN 2/2023**

**Refers to: VisionCB-8M-ADV v.1.2**

**Issue Date: August 2023**

**Effective Date: September 2023**

**Title: Minor PCB modification**

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## Part Numbers Affected

Board Models	Version	New Version
VisionCB-8M-ADV	1.2	1.4

### Notes:

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## Notification

Pinout Compatibility <input type="checkbox"/>	Revision Change <input checked="" type="checkbox"/>	
Design Change <input checked="" type="checkbox"/>	SW compatibility <input type="checkbox"/>	Other <input type="checkbox"/>

## Causes

The limited availability of selected components caused disturbances in the production deadlines.

## Notification Description

1. Due to the unavailability of the components used for production in version 1.2, the on-board JTAG debug interface has been removed.
2. In order to optimize the soldering process, the filling pattern on layers top and bottom has been changed.
3. DC input power connector has been modified: it is currently assembled using technology THT.

## Impact on target application

Ad. 1. The JTAG interface and console port were replaced with a vCOM port, so JTAG functionalities are disabled.

Ad. 2. None. Electrical, physical and EMC parameters are preserved.

Ad. 3. None. Electrical, physical and EMC parameters are preserved.

## Workaround

None - unnecessary.

## HW/SW Changes Requirements

Ad. 1. New driver for vCOM (based on FT232XS) can be required instead of default J-LINK vCOM driver.

Ad. 2. None.

Ad. 3. None.