



STEVAL-IPA001V1

Anti tamper and security kit based on
STM1403 - STM1404 + uPSD3422EV

Data Brief

Features

- Control of all voltage inputs of the STM140x (PWM)
- Monitor of all voltage outputs of the STM140x
- Monitor of all digital outputs of the STM140x
- Separated daughter board for direct testing of STM140x on breadboard (QFN16 to common header connector interface)

Description

This evaluation board demonstrates the features of ST's anti-tampering and supervisory solutions. The board is based on the STM140x family of low-power intrusion (tamper) detection security supervisors typically used in the high security modules (HSM) of a point of sale (POS) system. It enables manufacturers to meet security standards such as FIPS-140 (NIST, US Dept. of Commerce), EMV Co, ISO, ZKA (Germany) and Visa PED.

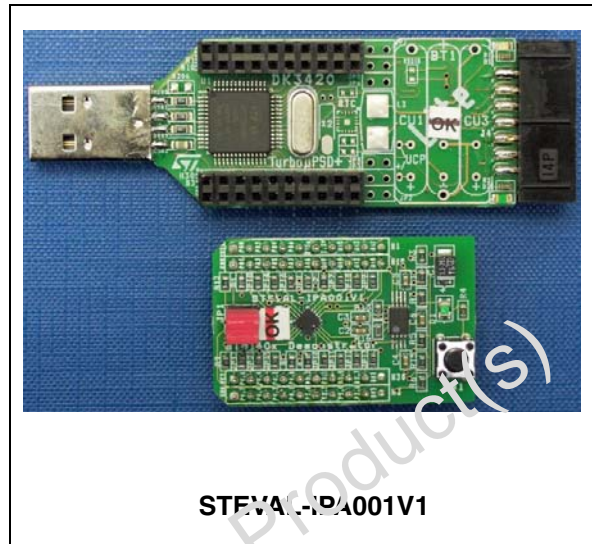
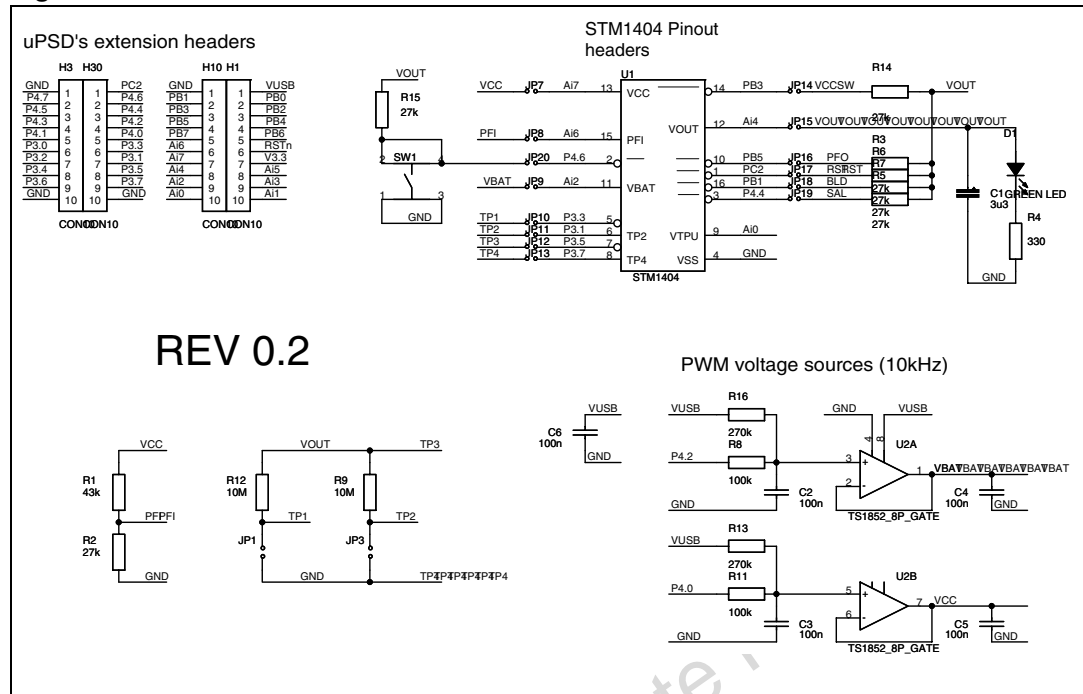


Figure 1. Schematic

Figure 1. Schematic



2 Revision history

Table 1. Document revision history

Date	Revision	Changes
26-Nov-2007	1	Initial release

Obsolete Product(s) - Obsolete Product(s)

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