



# STEVAL-ISA106V1

## 1.5 A step-down switching regulator based on the L5973AD

Data brief

### Features

- Max. output current  $I_{out} = 1.5\text{ A}$
- Output voltages from 1.235 V to 35 V
- Operating input voltage ranges from 4 V to 36 V
- Internal switching frequency: 500 kHz
- Synchronization pin
- Short-circuit protection
- Inhibit pin
- Thermal shutdown
- RoHS compliant

### Description

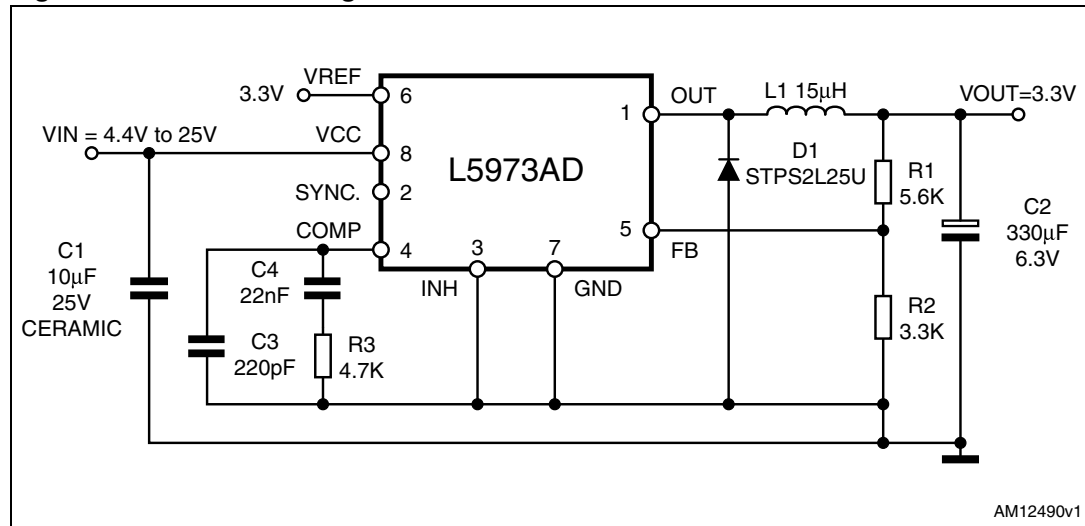
The STEVAL-ISA106V1 demonstration board provides a platform for evaluation of the L5973AD, a step-down monolithic power switching regulator capable of delivering up to 1.5 A of current at output voltages from 1.2 V to 35 V.

The input supply voltage of the STEVAL-ISA106V1 can range from 4 V to 36 V based on the rated voltage of the input capacitor, while the output voltage is adjustable from 1.235 V to  $V_{CC}$ .



# 1 Schematic

Figure 1. Schematic diagram



## 2 Revision history

**Table 1. Document revision history**

| Date        | Revision | Changes          |
|-------------|----------|------------------|
| 22-Aug-2012 | 1        | Initial release. |

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