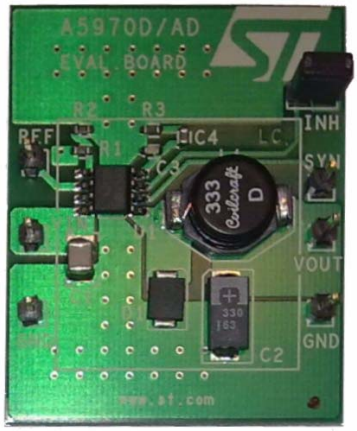
STEVAL-ISA088V1

1 A step-down switching regulator based on the L5970D

Data brief

Features

- Max output current: 1 A
- Output voltage from 1.235 V to 35 V
- Operating input voltage from 4.4 V to 36 V
- Internal switching frequency: 250 kHz
- Synchronization pin for cases where a higher frequency (up to 500 kHz) is required
- Short-circuit protection
- Inhibit pin
- Thermal shutdown
- RoHS compliant



STEVAL-ISA088V1

Description

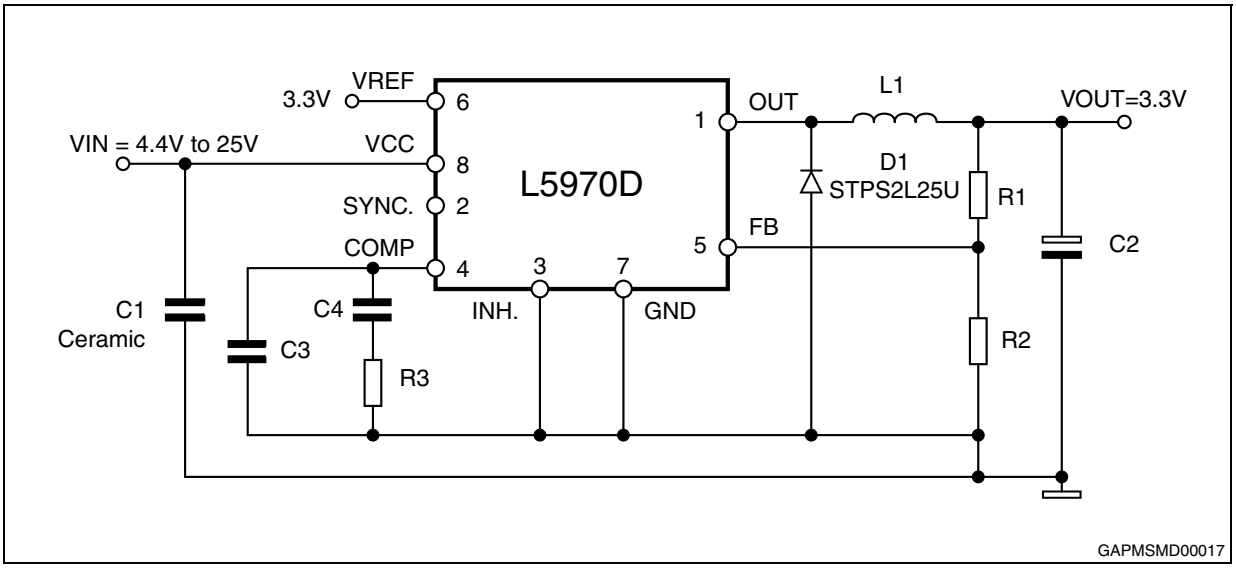
The STEVAL-ISA088V1 demonstration board provides a platform for evaluation of the L5970D, a step-down monolithic power switching regulator capable of delivering up to 1 A of current at output voltages from 1.2 V to 35 V.

The input supply voltage of the STEVAL-ISA088V1 can range from 4.4 V to 25 V based on the rated voltage of the input capacitor, while the output voltage is adjustable from 1.235 V to V_{CC}.

For further information contact your local STMicroelectronics sales office. www.st.com

1 Schematic diagram

Figure 1. STEVAL-ISA088V1 circuit schematic



2 Revision history

Table 1. Document revision history

Date	Revision	Changes
01-Apr-2011	1	Initial release.

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