



# STEVAL-TDR013V1

Demonstration board using the PD84002 for a UHF RFID reader

Data brief

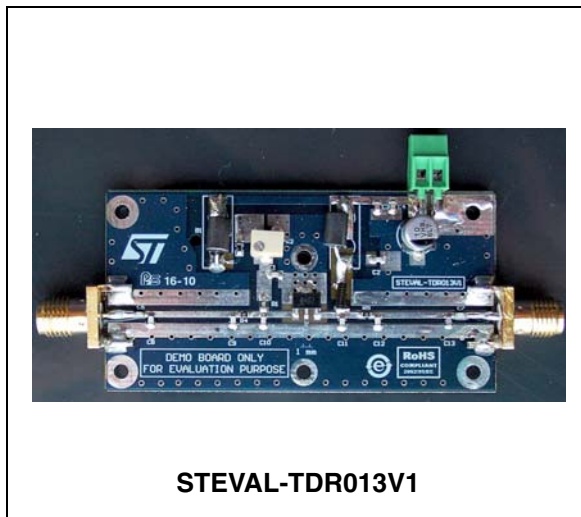
## Features

- Excellent thermal stability
- Frequency: 860 - 960 MHz
- Supply voltage: 7.2 V
- Output power: 2 W
- Power gain:  $13.9 \pm 0.5$  dB
- Efficiency: 60 % - 63 %
- Load mismatch: 20:1
- BeO-free amplifier
- RoHS compliant

## Description

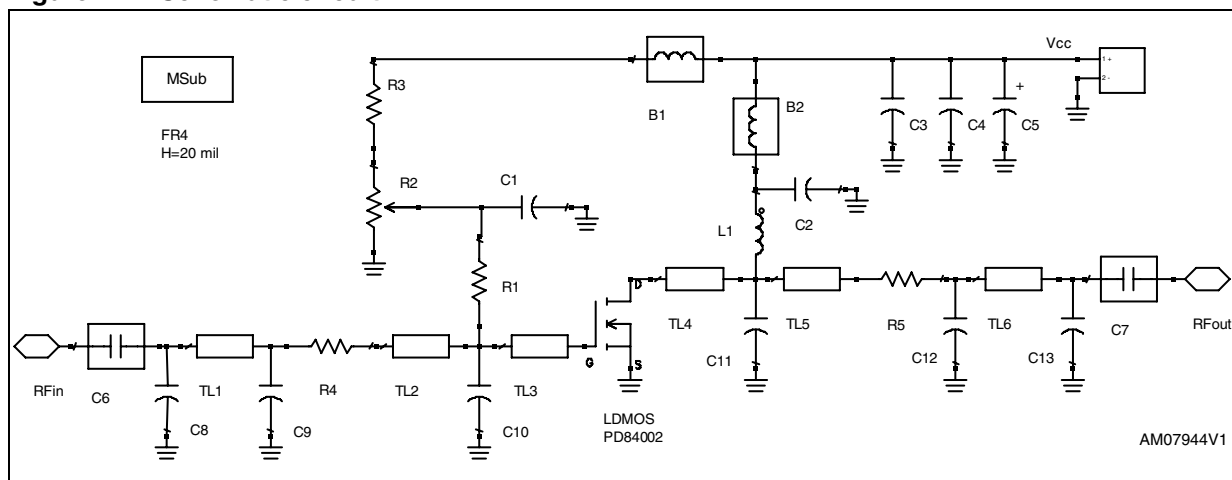
The STEVAL-TDR013V1 demonstration board uses the PD84002 LDMOS transistor and is designed for a UHF RFID reader and 2-way radio applications.

For additional information on the PD84002, please refer to its datasheet.



STEVAL-TDR013V1

# 1 Schematic diagram

**Figure 1. Schematic circuit**

## 2 Revision history

**Table 1. Document revision history**

Date	Revision	Changes
23-Aug-2010	1	Initial release.

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