



# STEVAL-IFP004V1

## Digital input termination PCLT2

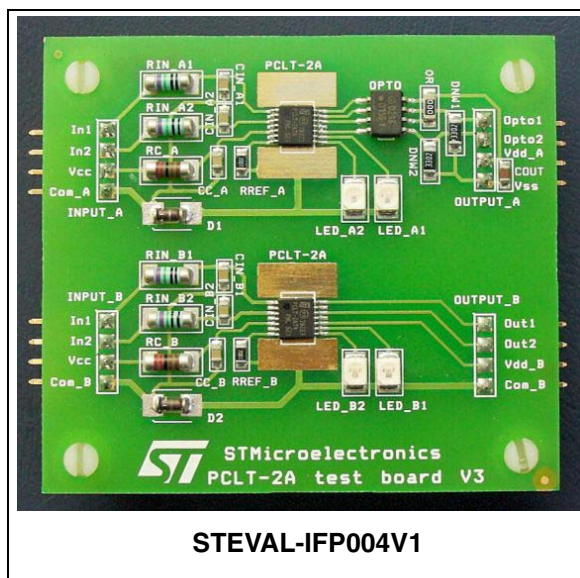
Data Brief

### Features

- Dual input channel
- Robust with EMC
- Wide operating range
- Exposed pad TSSOP14
- Flexible current limiter
- Output driver

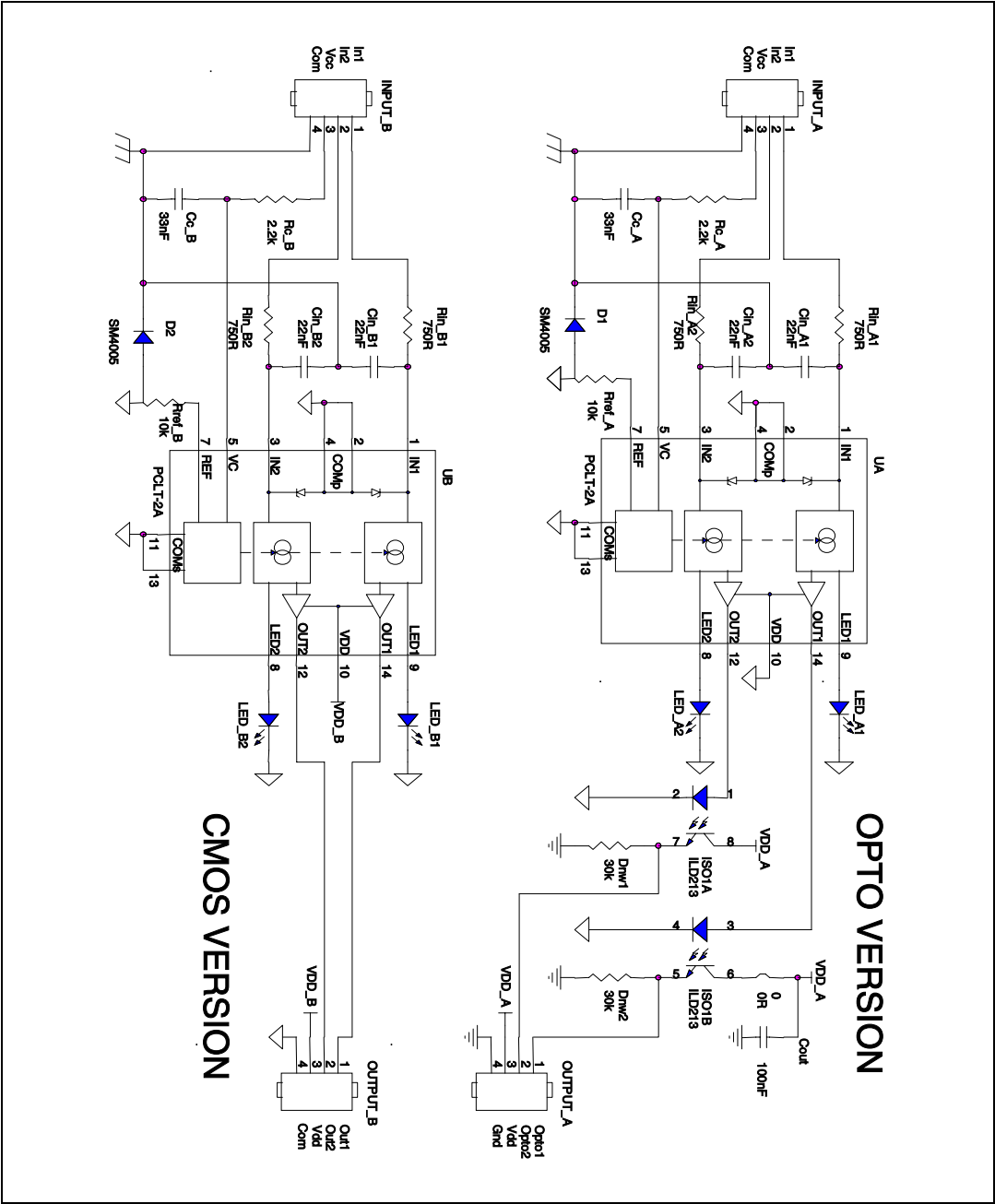
### Description

The purpose of this demo board is to evaluate the features of the PCLT-2A sensor input termination. The PCLT-2A is a dual termination device for the front-end of a 24 V DC digital input module. Composed of an input-voltage protection, a serial current-limiter circuit and an output driver, each channel circuit terminates the connection between a high-side proximity sensor and the I/O module. Because of its IEC type programmability and the isolated/non-isolated output options, the PCLT offers a flexible and easy-to-design solution for highly integrated I/O modules.



# 1 Block diagram

Figure 1. Schematic



## 2 Revision history

**Table 1. Document revision history**

Date	Revision	Changes
22-Oct-2007	1	Initial release

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