

STEVAL-IFP003V1

High side driver - 4 channels based on VN340

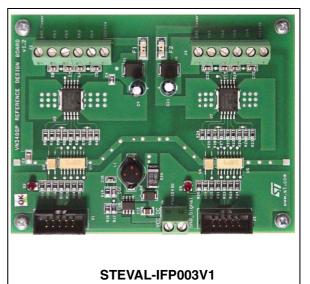
Data Brief

Features

- Complies with IEC 61000-4-4 (4 kV), IEC 61000-4-5 (2 kV) and IEC 61000-4-6 (10 V)
- 8 channels @ 0.5 A per channel
- DC/DC converter
- Excellent thermal behavior
- Power supply up to 35 V
- Very low standby current

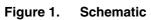
Description

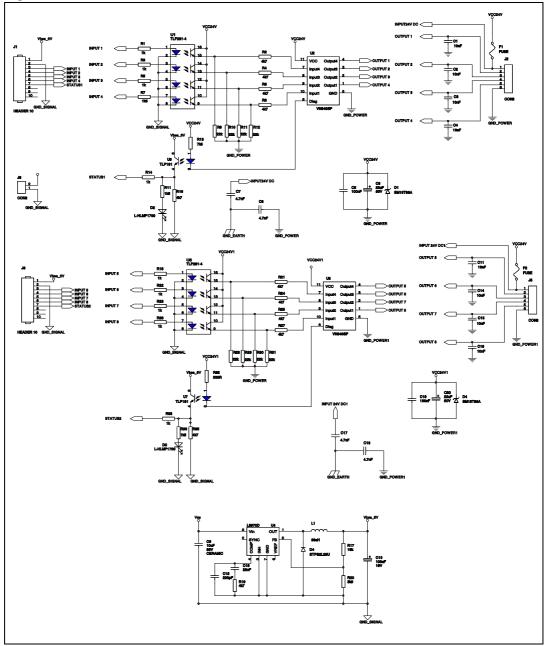
The purpose of this evaluation board is to demonstrate the features of the VN340 high-side driver. The application offers robustness and complies with EMC industrial standards. It implements short circuit/overload protection and thermal management as well, achieving best-inclass MTBF values. The reference design is suitable for use in programmable logic controllers (PLCs). The digital outputs are compliant with IEC standards.



For further information contact your local STMicroelectronics sales office.

1 Block diagram





2 Revision history

Table 1.Document revision history

Date	Revision	Changes
22-Oct-2007	1	Initial release



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