



STEVAL-IFN001V2

Low cost starter development kit based on ST10F276Z5,
oriented to multi-axis motion control

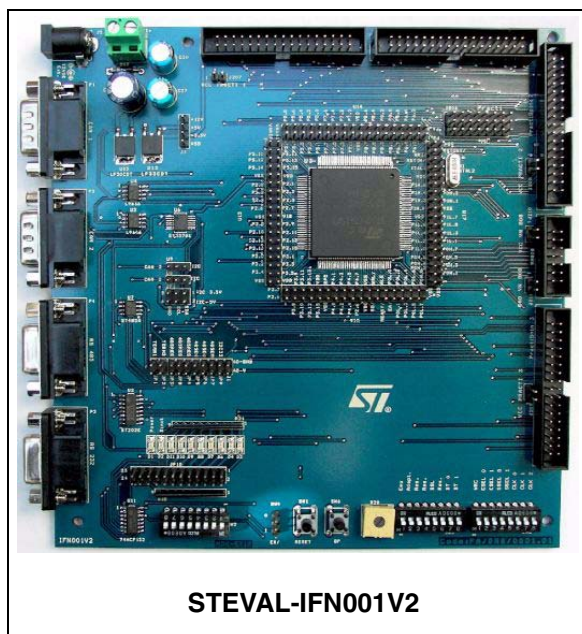
Data Brief

Features

- RS232
- RS485
- 2 CAN
- I²C (3.3 V and 5 V)
- MC connector
- 3 powerSPIN connectors
- VN808 board connector

Description

This two-layer, cost-effective development board is based on the ST10F276Z5 Flash memory microcontroller with DSP functionalities, suitable for the development of motion control applications. The board can be easily interconnected with different kinds of motor drivers through a series of connectors available on board. In particular, three dedicated connectors allow the user to manage STMicroelectronics powerSPIN evaluation boards (which are integrated monolithic motor drivers) while interfacing with any board that is compatible with this ST standard connector through the MC-connector. It is also possible to drive high loads by using an output connector compatible with VN808 and VN340 reference design boards.



1 Block diagram

Figure 1. Schematic 1

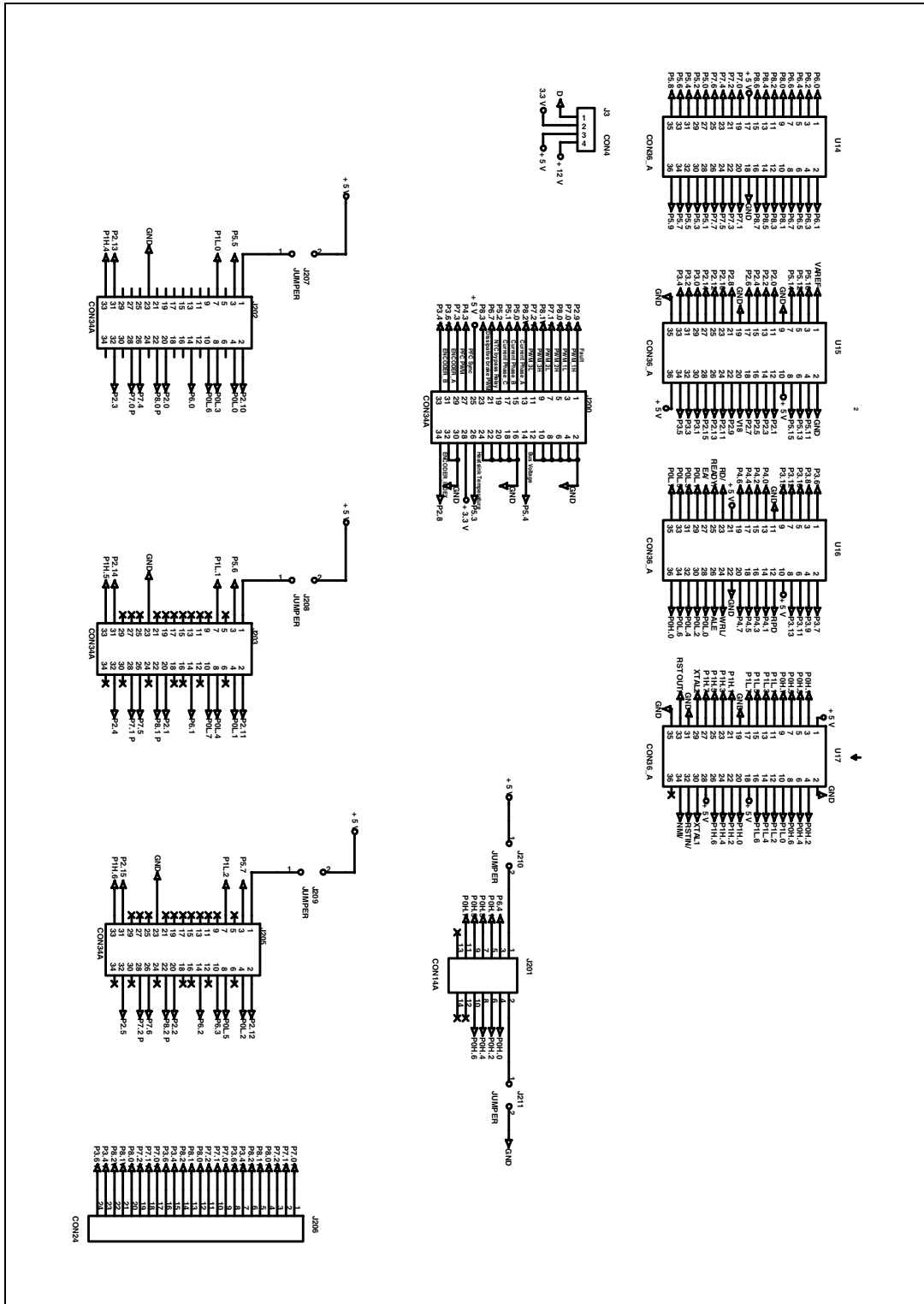
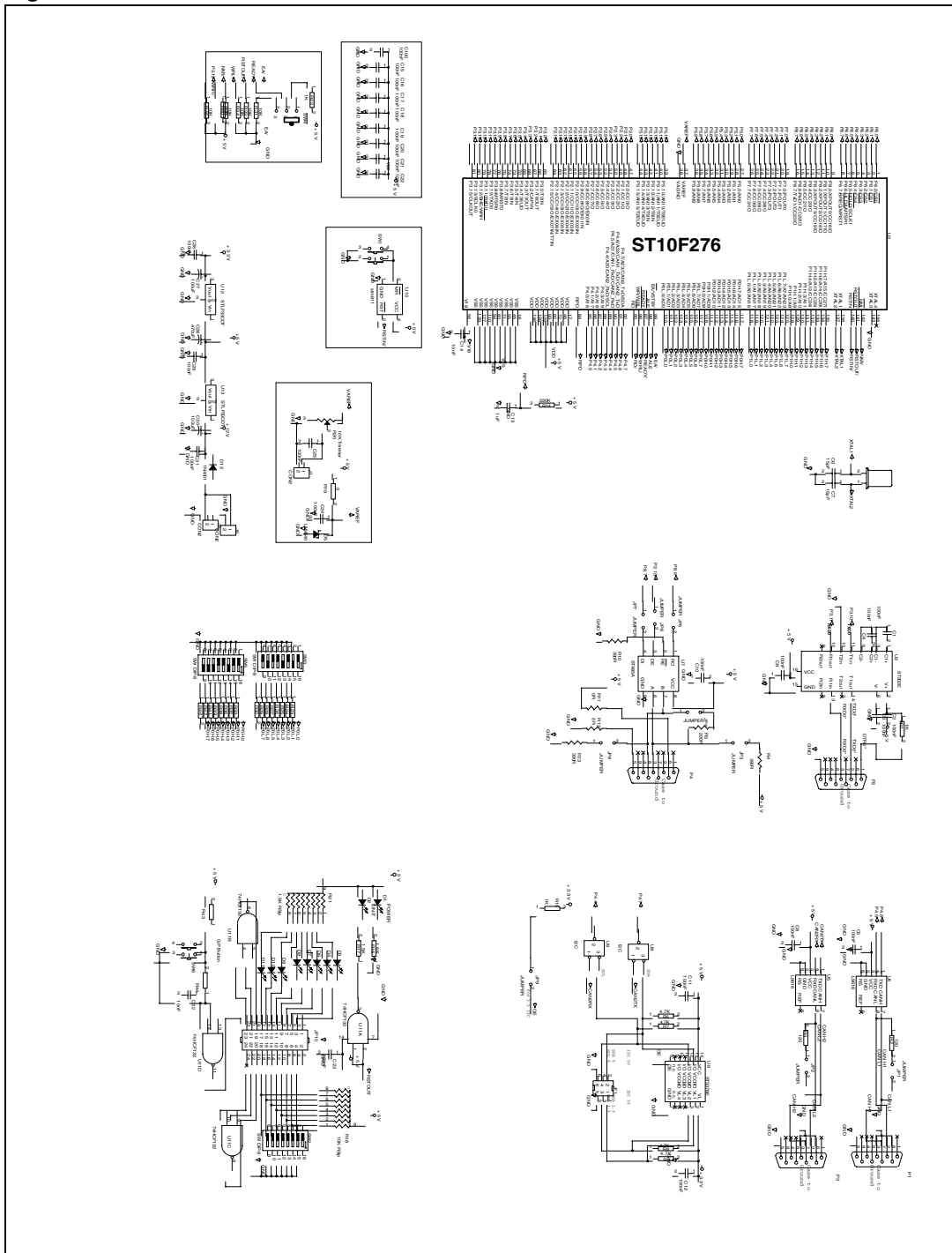


Figure 2. Schematic 2



2 Revision history

Table 1. Document revision history

Date	Revision	Changes
26-Oct-2007	1	Initial release

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