



STEVAL-CBL001V1

Demonstration board for power supply and control for LNB
based on the microcontrollers ST7LNBx

Data Brief

Features

- Ready-to-use programming and test board with user friendly graphical user interface or windows hyper terminal.
- EEPROM data programming on-socket or via coaxial cable.
- DiSEqC commands testing controlled by pre-programmed microcontroller and dedicated voltage regulator. Full set of DiSEqC commands can be sent and replies are evaluated.

Description

This demonstration board is used to program EEPROM data and to test ST7LNBx (0/1) microcontrollers on sockets or remotely using a coaxial cable (75 Ohms), via DiSEqC commands.

The board has to be connected to the serial port of the PC (COMx).

The Windows HyperTerminal interface or the dedicated graphical interface (ST7LNB application downloadable on mcu.st.com and usable with Windows 2000 and XP) can be used to send commands.



1 Circuit schematic

Figure 1. Schematic diagram

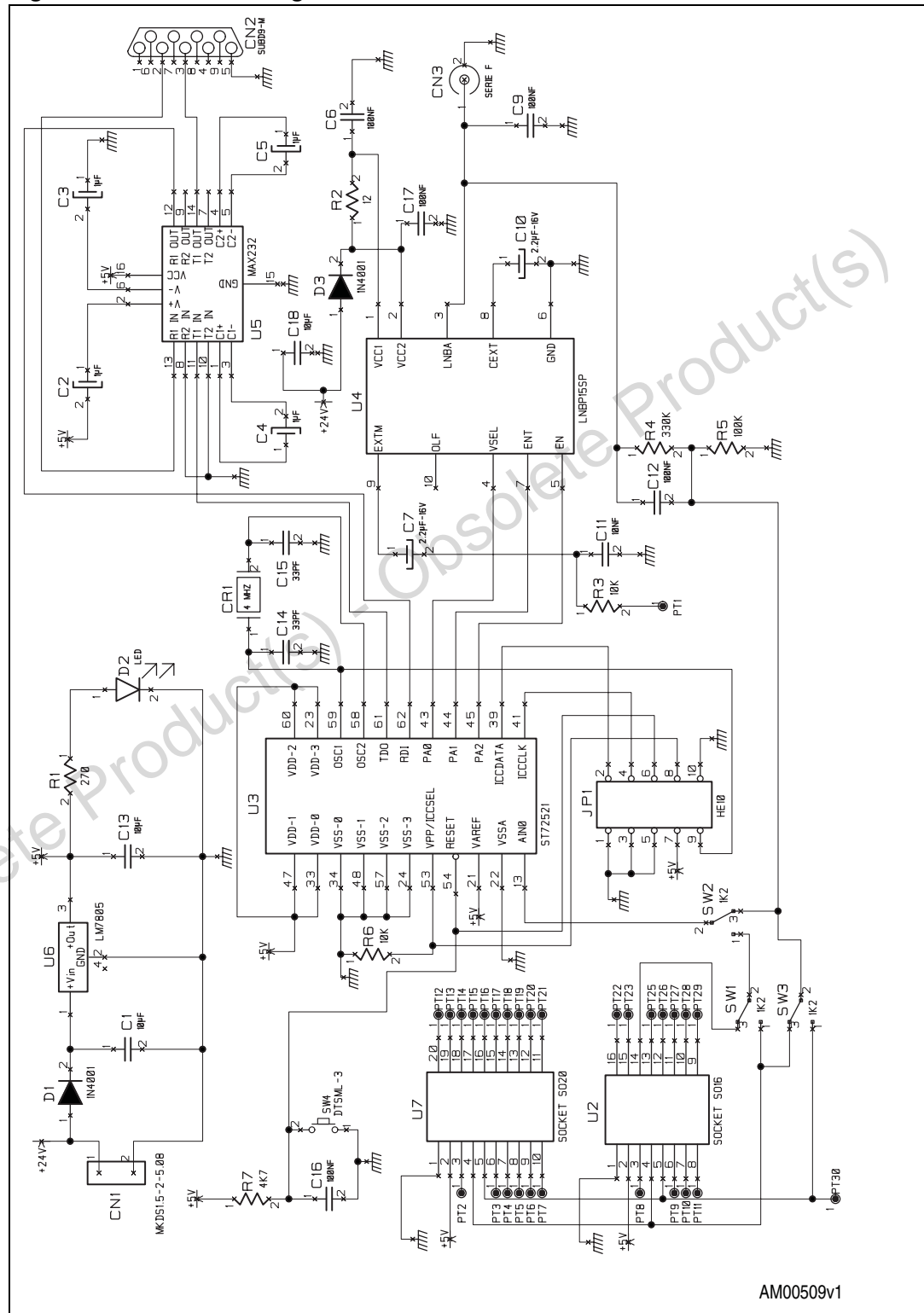
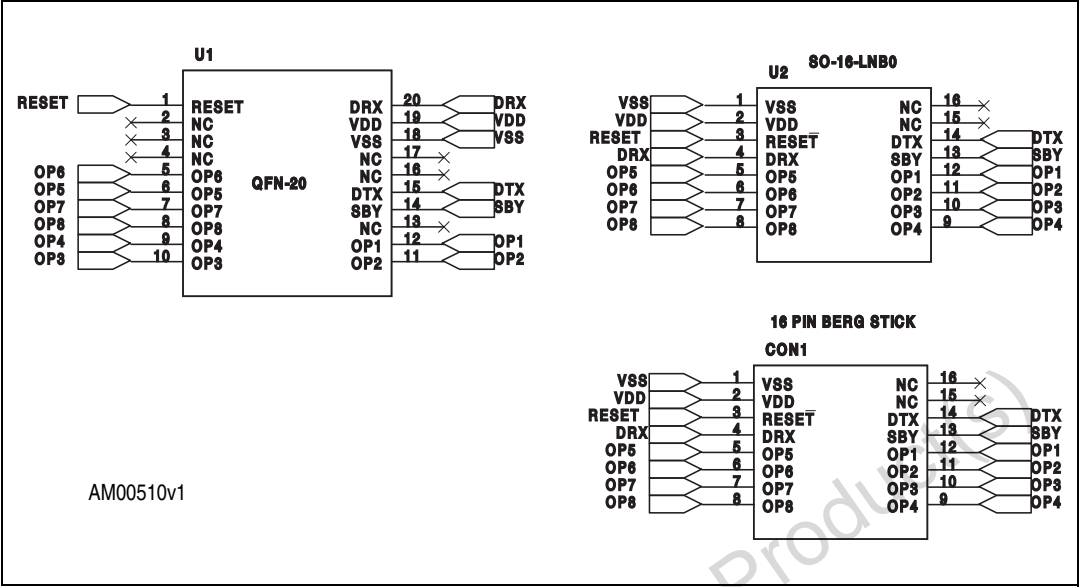


Figure 2. Pin configuration



2 Revision history

Table 1. Document revision history

Date	Revision	Changes
04-Jun-2008	1	Initial release.

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