

**STM32 CANshield V01**

The diagram illustrates the hardware setup for the STM32 CANshield V01. It features an STM32 NUCLEO-32 board connected to a CAN transceiver (TXB1) and a CAN bus. The board's PA9, PA10, NRST\_3, and GND pins are connected to the transceiver's TXD, RXD, and NRST pins. The transceiver's TXD, RXD, and NRST pins are connected to the CAN\_H, CAN\_L, and GND pins of the CAN bus. The CAN bus is terminated with 120 ohm resistors (R1, R2) at both ends. The board is powered by a 5V regulator (U1) and a 0.1uF capacitor (C1). The board is labeled 'US\$1 STM32 NUCLEO-32' and 'USB'.

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