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XTAL2 driven by MCU to continue oscillating



The circuit diagram illustrates the internal components of the MAX232 module. It features two MAX232 chips, labeled T1 and R1, which are configured as transceivers. The T1 chip's pins are connected to the ATMEGA8 microcontroller's TX and RX pins via level-shifting capacitors (C1, C2). The R1 chip's pins are connected to the RS-485 transceiver's TX+ and TX- pins via level-shifting capacitors (C3, C4). The RS-485 transceiver is also connected to the RS-485 module's TX+ and TX- pins via termination resistors (R1, R2). The RS-485 module's TX+ and TX- pins are connected to the RS-485 module's TX+ and TX- pins via termination resistors (R1, R2).