

KEYWORDS:**VOLTAGE CORRECTION, ATMEGA103L, PROGRAMMING PROBLEMS**

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Providing the Correct Input Voltage to the ATmega103L Part in the STK300 Board

Issue

The supply voltage to the ATmega103L in the STK300 board is inadequate at the low setting. This design note provides the necessary modifications to the development board.

Solution

Replace the resistor R7 of $820\ \Omega$ with a $1k\Omega$ resistor.

The resistor R7 is located as the first one in the row of resistors beginning to the right of JP1 on the board, above the LEDs, as illustrated in Figure 1 below.

Figure 1. STK300

