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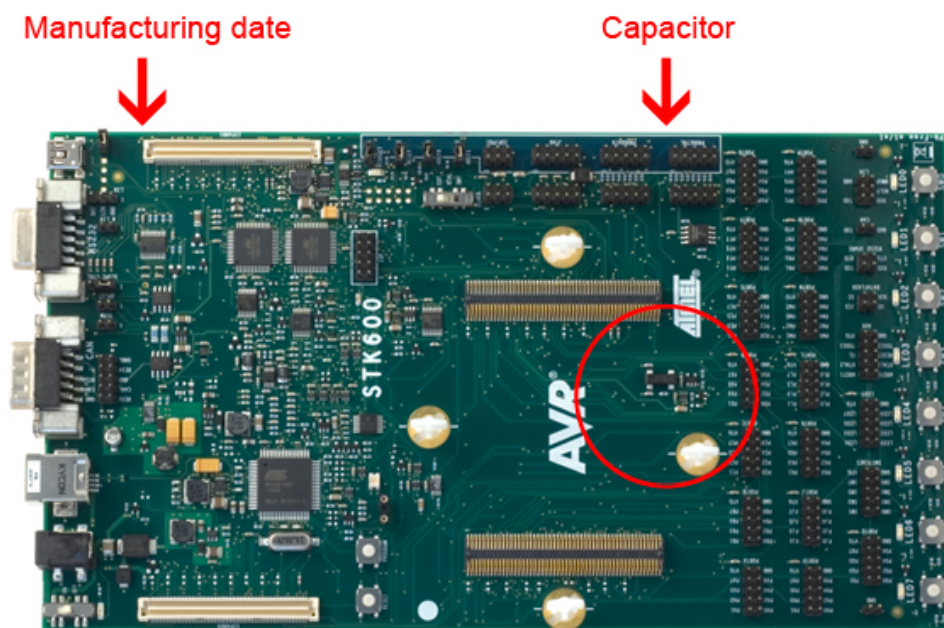


## Fix for STK600 32 kHz Oscillator

Some STK<sup>®</sup>600 manufactured before July 10<sup>th</sup> 2008 has a 32 kHz oscillator running on to high frequency. STK600's manufactured July 10<sup>th</sup> or later does not have this problem.

The manufacturing date for the board can be found on the sticker on the bottom side of the board.

Figure 1-1. STK600 overview.



8-bit **AVR<sup>®</sup>**  
Microcontrollers

User Guide

Rev. 8177A-AVR-07/08

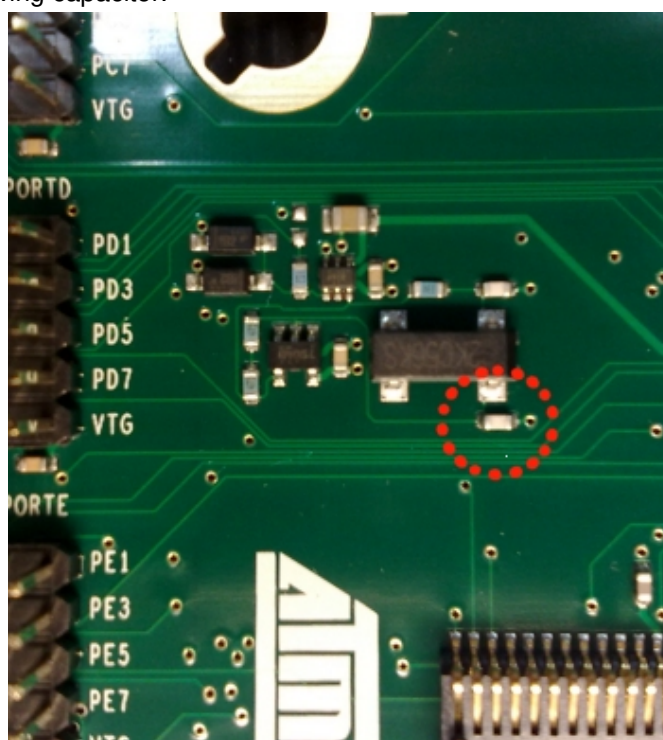


**Figure 1-2.** Manufacturing date.



The oscillator can be fixed easily by replacing the circled capacitor, with a 220pF ceramic capacitor. (0603 size), see Figure 1-2. It is also possible to leave the existing capacitor mounted and just solder a new 220pF capacitor on top, either 0603 size SMT or other ceramic type that you can make fit.

**Figure 1-3.** Replace the following capacitor.





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