1. 2015/09/18 14:32:42
2. Not really, it carried on counting.
3. 2000/01/01 00:00:00 – the board lost power and thus all the data stored in RAM is lost.
4. The board continuously checked if its time matched the programs time and when they matched it told the program to display “Alarm went off”.
5. 2 flashes a second (2 Hz) – one flash every minute, very accurate.
6. The second byte chances the most and is thus temperature.
7. Now I see that the first byte of the group of four must be the temperature as that changes the most. I cannot heat it up very much, the board is very efficient at drawing the heat away from the chip. The temperature did change, it increased by about 7 decrees.
8. The voltage graph spikes quickly and remains more or less stable on a new level, the last four bytes of each group change and is thus the resistor value.
9. Max: 5B, Min: 00. The last byte of every group of four.
10. You cannot wake the board once you click the stop button and the time kept running.
11. To time things while using the lowest possible power,
12. 31.981 MHz