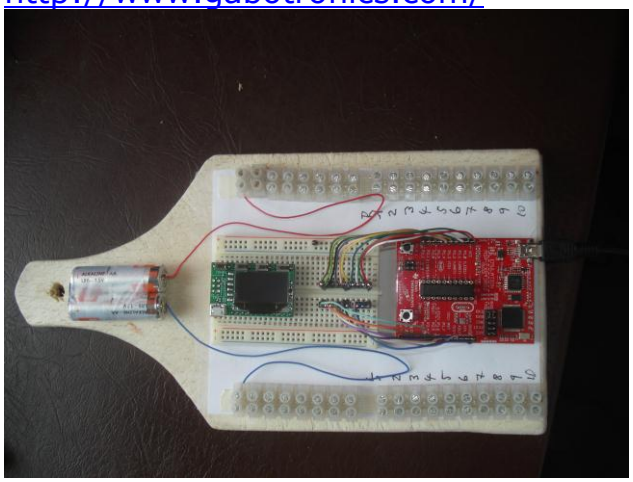
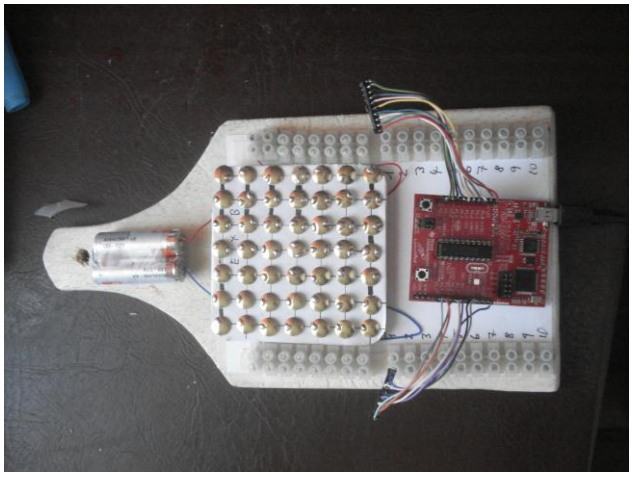
Some MSP430 Launchpad Pictures for 4E4TH **May 2013**

The "Embedded System" with battery, speaker, and expandable,
EVEN without soldering iron - Just a screw driver needed after some help to set it up. And do not forget the special feature hole - a nail on the wall and it hangs.

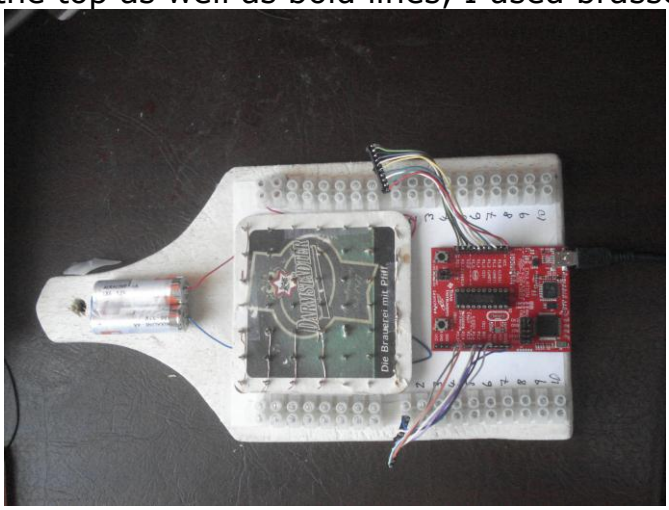
1. Launchpad connected to Prototype Board and Gabotronics Oscilloscope
http://www.gabotronics.com/



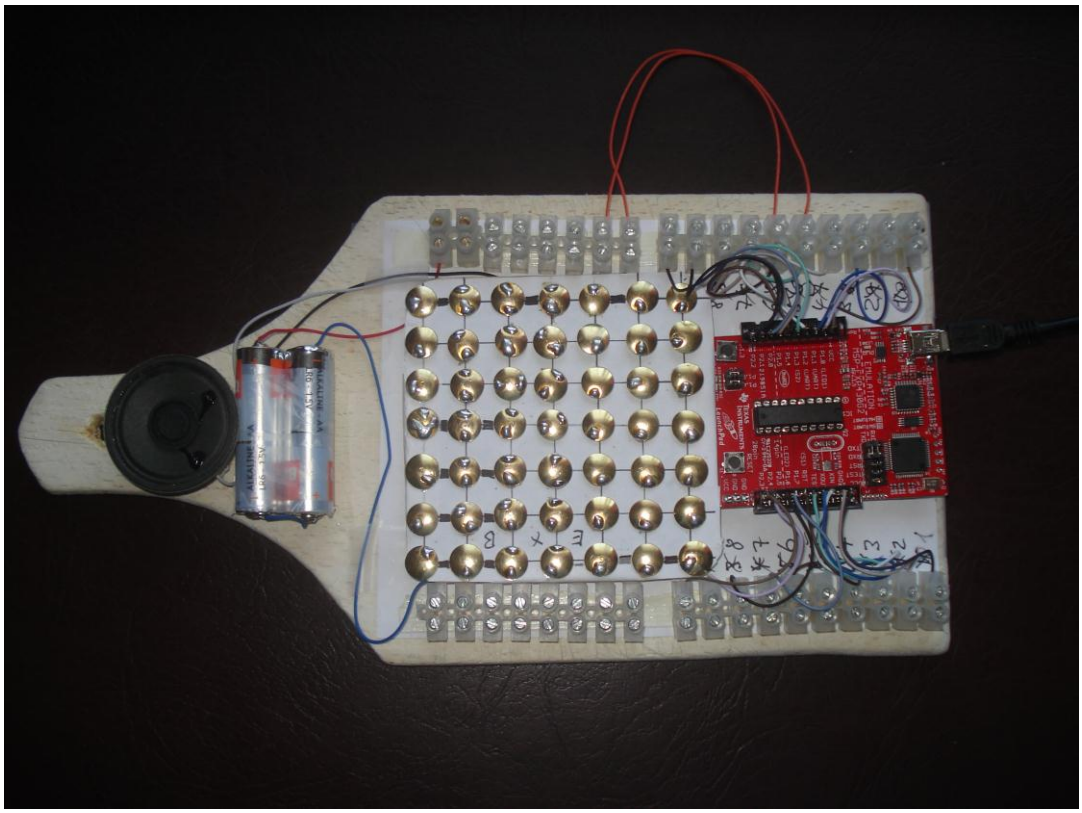
2. Well, for the people with less soldering experience - see the FELT PCB, easily done at home



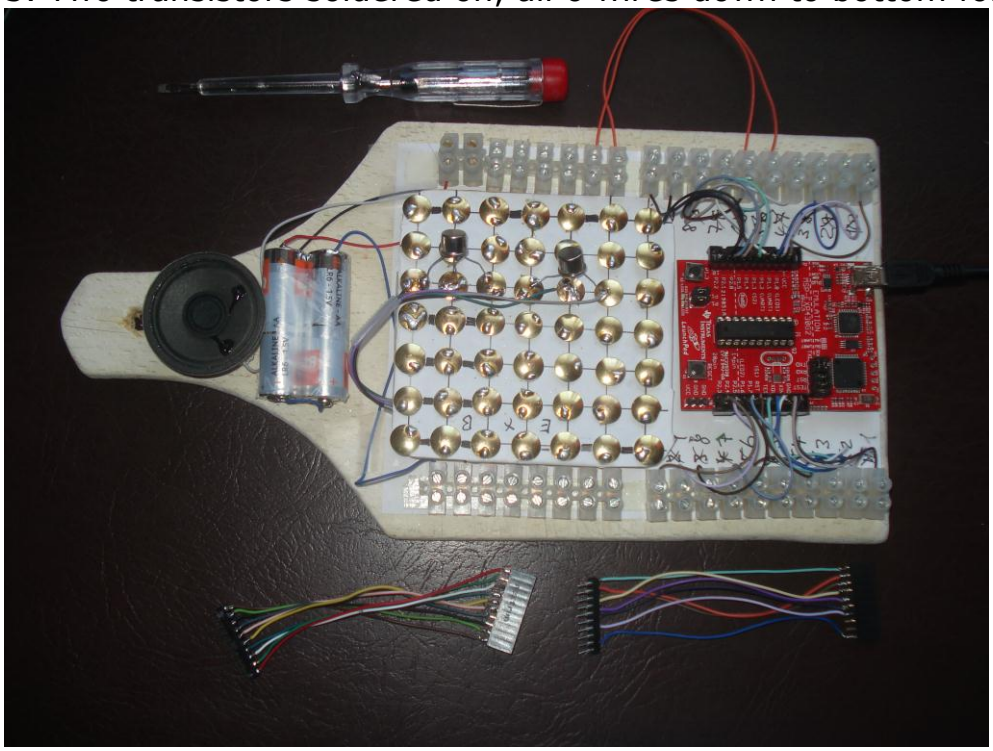
3. Yes, look, to prove it, Darmstaedter beer you can build it easily using any other make, careful with humidity and low currents, high voltages, but basically any soldering iron works, pre-solder some connections if you like as I did, you see it on the top as well as bold lines, I used brassed drawing pins here



4. You can as well, connect just directly to the chocolate blocks, here for power and some IO, speaker. Just screw driver needed for expansion
… and for the specialists, a "bug" has been found. Connections 1-10 scribbled were the wrong way around, as USB cable comes out now on the right hand side. And specialists will see that the 10 pin connectors are actually 20 pin – but had them and work



5. Two transistors soldered on, all 6 wires down to bottom for screw connections



More to follow, www.exemark.com
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