RCSE Lab Training Embedded Systems

# Topic: Resistance measurement

**Description**:

Use the analog inputs and digital outputs (and probably a voltage divider) to determine the value of resistors. The measurement must be continuously, and the result must be shown on a display (TFT or Nokia or LED-display). Check for extreme values and warn the user via display or beeper. Signal if measurement is ongoing or has ended and values are valid.

**Requirements****:**

1. Arduino Uno Board
2. Breadboard
3. TFT or Nokia or LED-display
4. One known resistance (maybe 1kΩ)
5. One unknown resistance which will be measured
6. Jumper wires x 20 (number may vary in real time)

**Schematic:**

