



Current consumption:

1. LCD - 10mA
2. Backlight - 100mA
3. U0 (MCU + pins) - max 1.1A?
4. U1 (clock) - 100mA
5. U2 (flash) - 10mA
6. U3 (audio) - 80mA
7. HC05 - 50mA
8. SD Card - 50mA

TODO:

1. audio codec CVCC/AVCC (according to the docs, CVCC must not exceed app. 1.7V???)
2. add two buttons (alarm + ?)
3. power circuit
4. temperature sensor ADC

