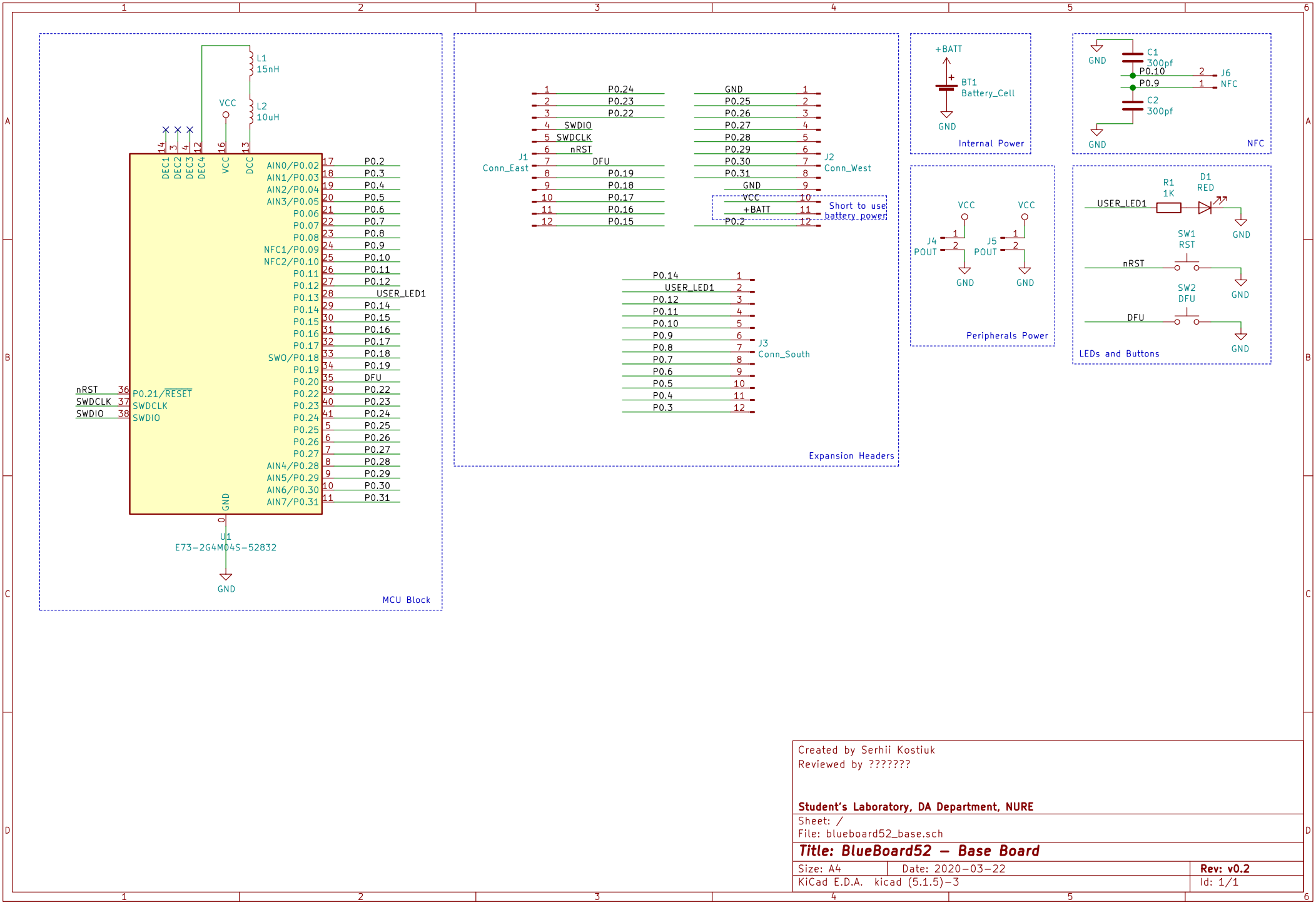
MCU Block
U1
E73-2G4M04S-52832
L1
15nH
L2
10uH
VCC
GND
DEC1
DEC2
DEC3
DEC4
DCC
nRST
SWDCLK
SWDIO
P0.21/RESET
AIN0/P0.02
AIN1/P0.03
AIN2/P0.04
AIN3/P0.05
NFC1/P0.09
NFC2/P0.10
SWO/P0.18
AIN4/P0.28
AIN5/P0.29
AIN6/P0.30
AIN7/P0.31
USER_LED1
DFU
Expansion Headers
J1
Conn_East
J2
Conn_West
J3
Conn_South
Short to use battery power
Internal Power
+BATT
BT1
Battery_Cell
NFC
C1
300pf
C2
300pf
J6
Peripherals Power
J4
J5
POUT
LEDs and Buttons
R1
1K
D1
RED
SW1
RST
SW2
DFU
Created by Serhii Kostiuk
Reviewed by ???????
Student's Laboratory, DA Department, NURE
Sheet: /
File: blueboard52_base.sch
Title: BlueBoard52 – Base Board
Size: A4
Date: 2020-03-22
Rev: v0.2
KiCad E.D.A. kicad (5.1.5)-3
Id: 1/1