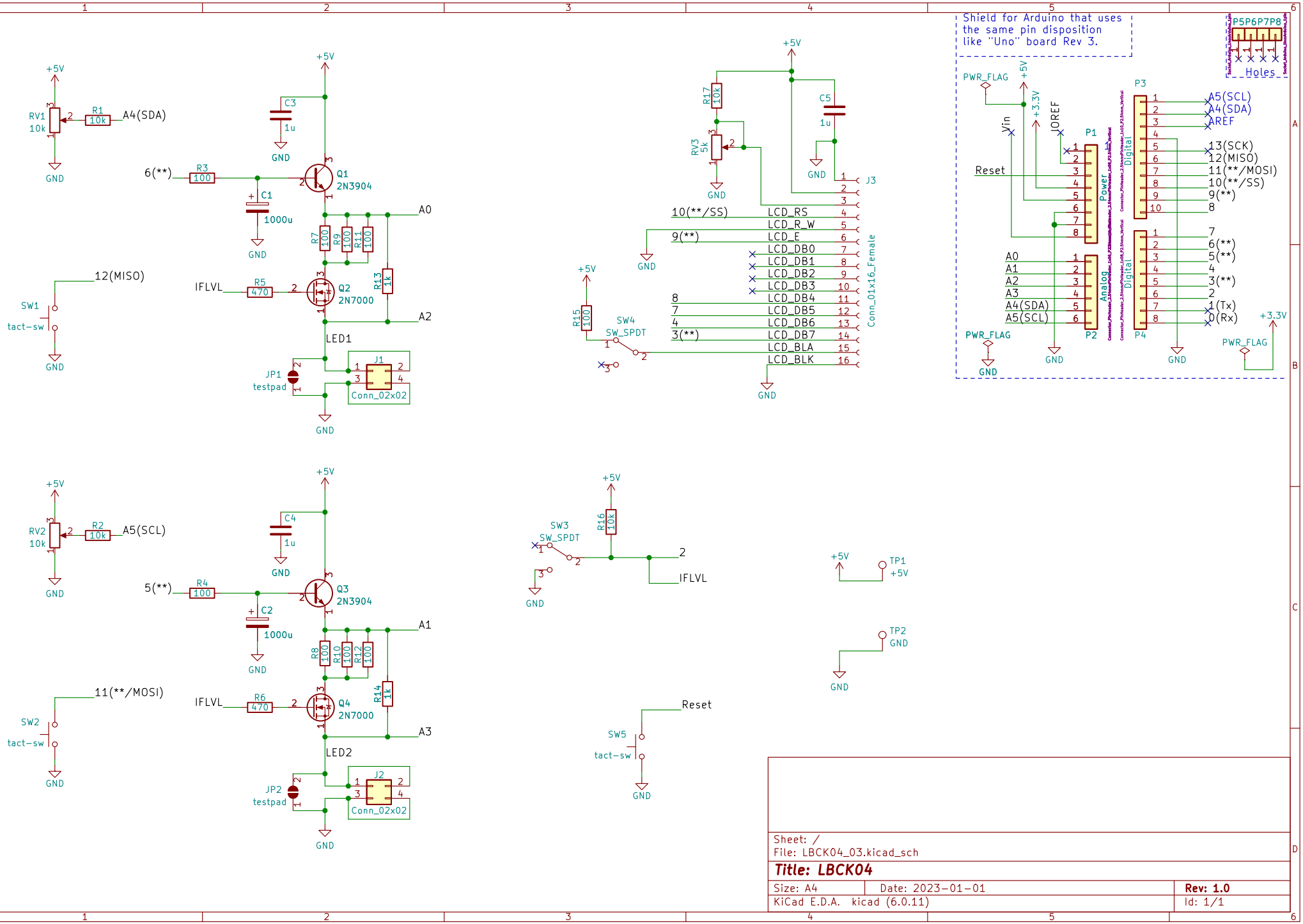
Shield for Arduino that uses
the same pin disposition
like "Uno" board Rev 3.
Holes
P5P6P7P8
PWR_FLAG
Vin
+3.3V
IOREF
Reset
P1
Power
P3
Digital
A5(SCL)
A4(SDA)
AREF
13(SCK)
12(MISO)
11(**/MOSI)
10(**/SS)
9(**)
8
7
6(**)
5(**)
4
3(**)
2
1(Tx)
0(Rx)
A0
A1
A2
A3
A4(SDA)
A5(SCL)
Analog
P2
P4
+3.3V
PWR_FLAG
GND
+5V
RV1
10k
R1
10k
A4(SDA)
C3
1u
6(**)
R3
100
Q1
2N3904
C1
1000u
A0
R7
100
R9
100
R11
100
12(MISO)
IFLVL
R5
470
Q2
2N7000
R13
1k
A2
SW1
tact-sw
LED1
JP1
testpad
J1
Conn_02x02
R17
10k
RV3
5k
C5
1u
J3
10(**/SS)
LCD_RS
9(**)
LCD_R_W
LCD_E
LCD_DB0
LCD_DB1
LCD_DB2
LCD_DB3
8
LCD_DB4
7
LCD_DB5
4
LCD_DB6
3(**)
LCD_DB7
LCD_BLA
LCD_BLK
Conn_01x16_Female
R15
100
SW4
SW_SPDT
RV2
10k
R2
10k
A5(SCL)
C4
1u
5(**)
R4
100
Q3
2N3904
C2
1000u
A1
R8
100
R10
100
R12
100
11(**/MOSI)
IFLVL
R6
470
Q4
2N7000
R14
1k
A3
SW2
tact-sw
LED2
JP2
testpad
J2
Conn_02x02
SW3
SW_SPDT
R16
10k
2
IFLVL
TP1
+5V
TP2
GND
Reset
SW5
tact-sw
Sheet: /
File: LBCK04_03.kicad_sch
Title: LBCK04
Size: A4
Date: 2023-01-01
Rev: 1.0
KiCad E.D.A. kicad (6.0.11)
Id: 1/1