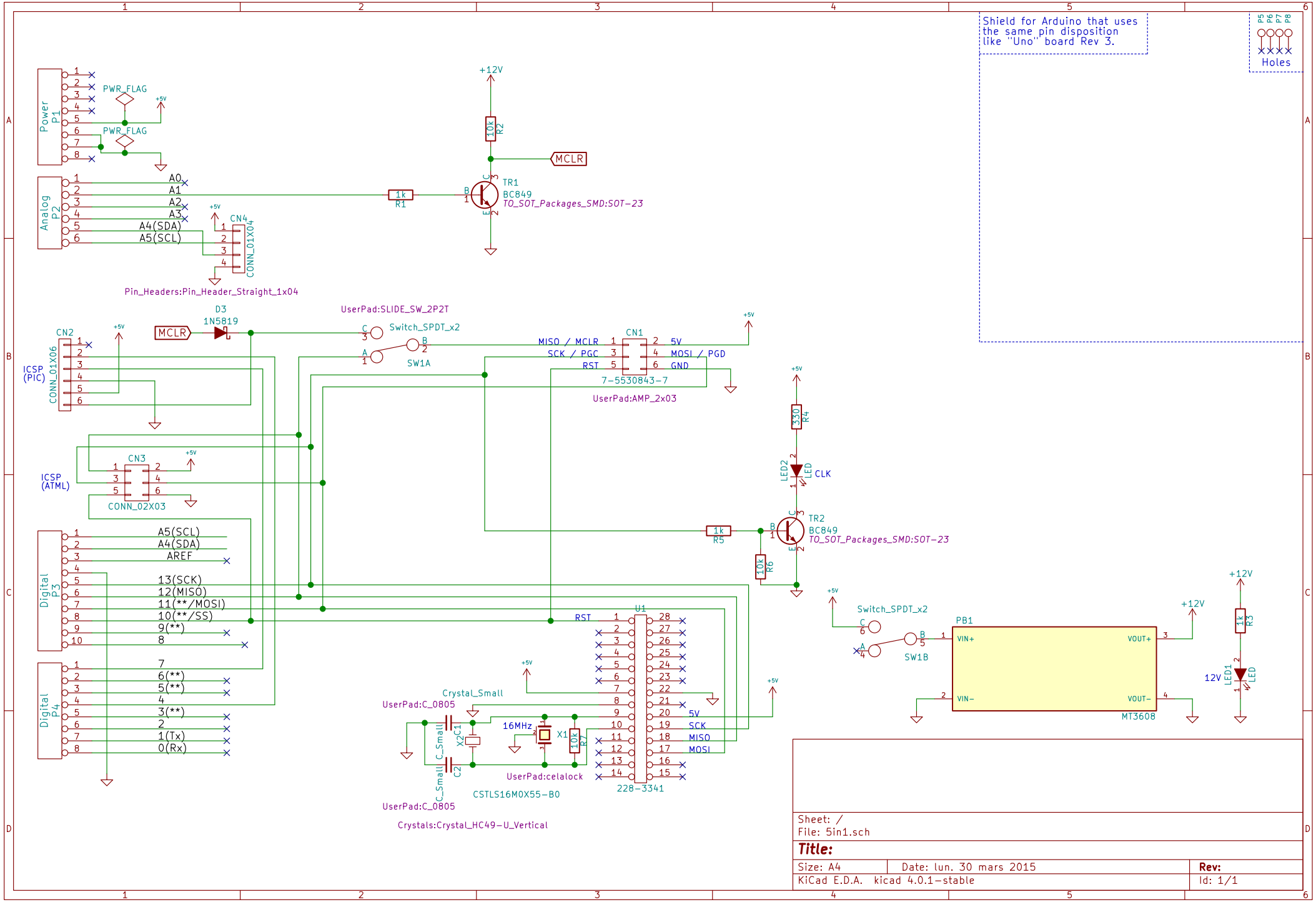
Shield for Arduino that uses the same pin disposition like "Uno" board Rev 3.
Holes
Power P1
PWR_FLAG
PWR_FLAG
Analog P2
A0
A1
A2
A3
A4(SDA)
A5(SCL)
CN4
CONN_01X04
Pin_Headers:Pin_Header_Straight_1x04
+12V
10k R2
MCLR
1k R1
TR1
BC849
TO_SOT_Packages_SMD:SOT-23
D3
1N5819
MCLR
UserPad:SLIDE_SW_2P2T
Switch_SPDT_x2
SW1A
CN2
ICSP (PIC)
CONN_01X06
CN3
ICSP (ATML)
CONN_02X03
CN1
MISO / MCLR
SCK / PGC
RST
5V
MOSI / PGD
GND
7-5530843-7
UserPad:AMP_2x03
330 R4
LED2
LED
CLK
1k R5
TR2
BC849
TO_SOT_Packages_SMD:SOT-23
10k R6
Digital P3
A5(SCL)
A4(SDA)
AREF
13(SCK)
12(MISO)
11(**/MOSI)
10(**/SS)
9(**)
8
Digital P4
7
6(**)
5(**)
4
3(**)
2
1(Tx)
0(Rx)
U1
RST
5V
SCK
MISO
MOSI
228-3341
Crystal_Small
UserPad:C_0805
C1
C2
16MHz
X1
10k R7
UserPad:celalock
CSTLS16M0X55-B0
Crystals:Crystal_HC49-U_Vertical
Switch_SPDT_x2
SW1B
PB1
VIN+
VIN-
VOUT+
VOUT-
MT3608
1k R3
LED1
12V
Sheet: /
File: 5in1.sch
Title:
Size: A4
Date: lun. 30 mars 2015
Rev:
KiCad E.D.A. kicad 4.0.1-stable
Id: 1/1