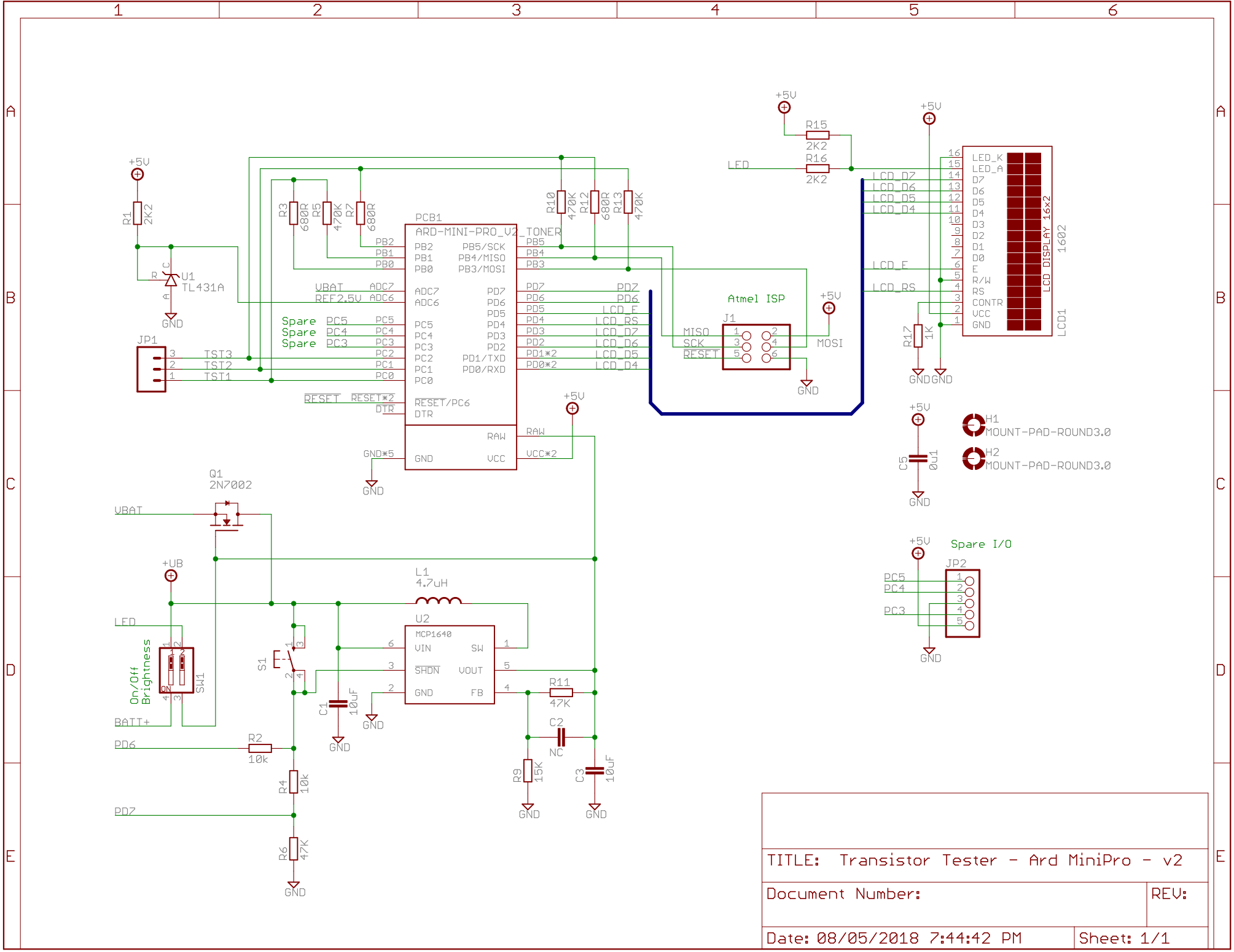
PCB1
ARD-MINI-PRO_V2_TONER
PB2 PB5/SCK
PB1 PB4/MISO
PB0 PB3/MOSI
ADC7 PD7
ADC6 PD6
PD5
PC5 PD4
PC4 PD3
PC3 PD2
PC2 PD1/TXD
PC1 PD0/RXD
PC0
RESET/PC6
DTR
RAW
GND VCC
VBAT
REF2.5V
Spare PC5
Spare PC4
Spare PC3
TST3
TST2
TST1
RESET
GND*5
VCC*2
LCD_F
LCD_RS
LCD_D7
LCD_D6
LCD_D5
LCD_D4
PD7
PD6
Atmel ISP
J1
MISO
SCK
RESET
MOSI
LCD1
LCD DISPLAY 16x2
1602
LED_K
LED_A
D7
D6
D5
D4
D3
D2
D1
D0
E
R/W
RS
CONTR
VCC
GND
LED
H1
MOUNT-PAD-ROUND3.0
H2
MOUNT-PAD-ROUND3.0
Spare I/O
JP2
PC5
PC4
PC3
JP1
TST3
TST2
TST1
U1
TL431A
Q1
2N7002
VBAT
+UB
LED
On/Off
Brightness
SW1
BATT+
PD6
PD7
S1
L1
4.7uH
U2
MCP1640
VIN SW
SHDN VOUT
GND FB
C1
10uF
C2
NC
C3
10uF
R11
47K
R9
15K
R2
10k
R4
10k
R6
47K
R1
2K2
R3
680R
R5
470K
R7
680R
R10
470K
R12
680R
R13
470K
R15
2K2
R16
2K2
R17
1K
C5
0u1
GND
+5V
TITLE: Transistor Tester - Ard MiniPro - v2
Document Number:
REV:
Date: 08/05/2018 7:44:42 PM
Sheet: 1/1