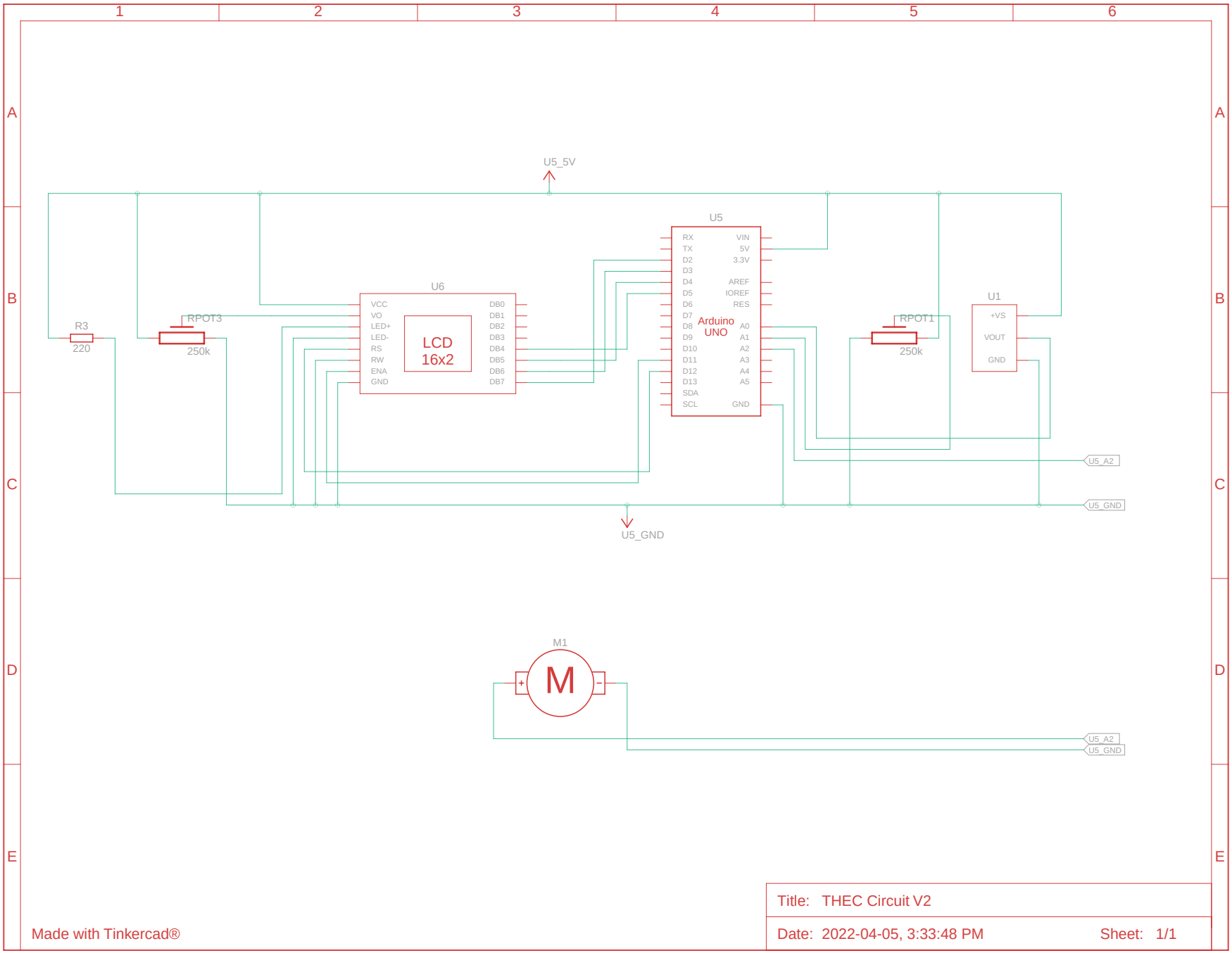
1
2
3
4
5
6
A
B
C
D
E
U5_5V
U5
RX
TX
D2
D3
D4
D5
D6
D7
D8
D9
D10
D11
D12
D13
SDA
SCL
VIN
5V
3.3V
AREF
IOREF
RES
A0
A1
A2
A3
A4
A5
GND
Arduino
UNO
U6
VCC
VO
LED+
LED-
RS
RW
ENA
GND
DB0
DB1
DB2
DB3
DB4
DB5
DB6
DB7
LCD
16x2
R3
220
RPOT3
250k
RPOT1
250k
U1
+VS
VOUT
GND
U5_A2
U5_GND
U5_GND
M1
M
+
-
U5_A2
U5_GND
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Title: THEC Circuit V2
Date: 2022-04-05, 3:33:48 PM
Sheet: 1/1