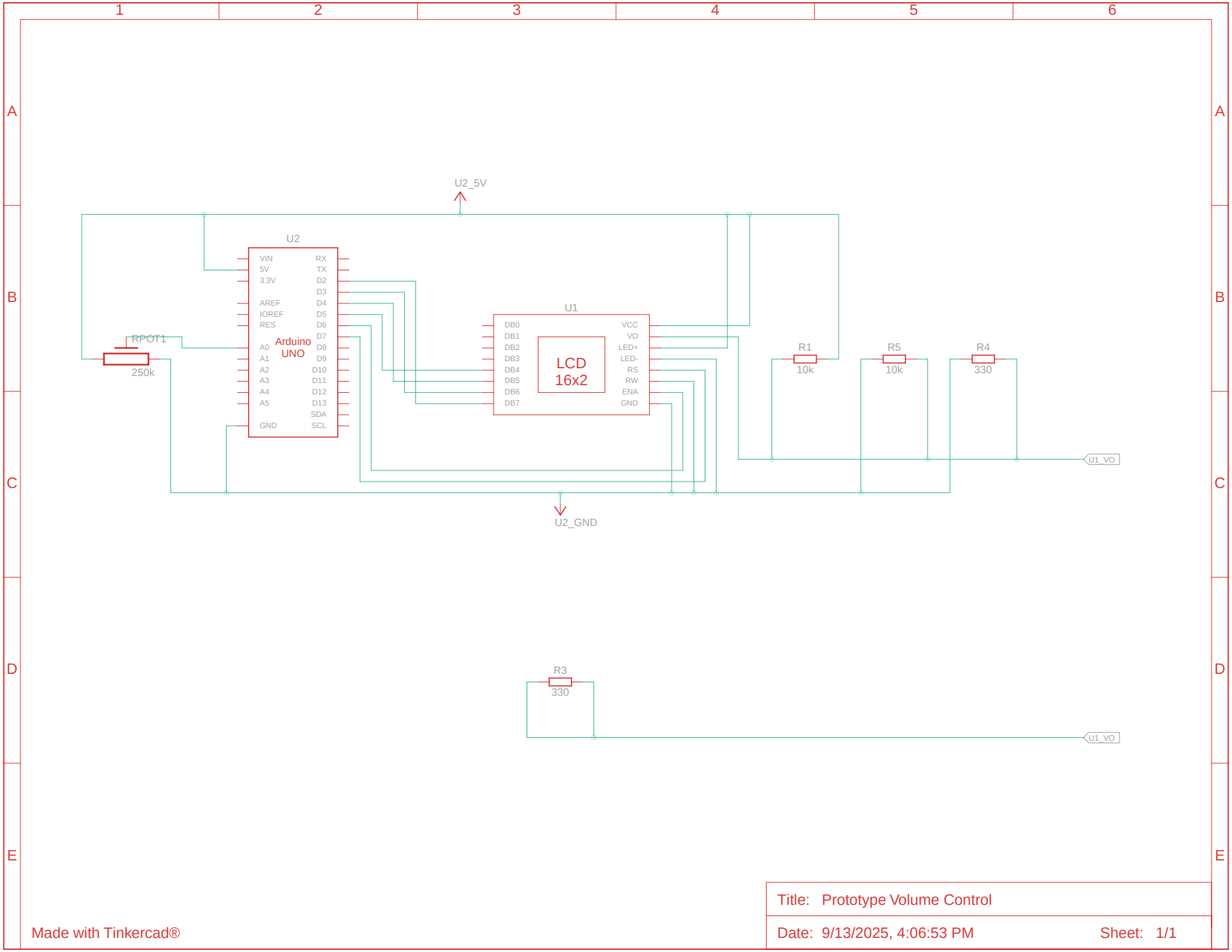
U2_5V
U2
VIN
5V
3.3V
AREF
IOREF
RES
A0
A1
A2
A3
A4
A5
GND
RX
TX
D2
D3
D4
D5
D6
D7
D8
D9
D10
D11
D12
D13
SDA
SCL
Arduino UNO
RPOT1
250k
U1
DB0
DB1
DB2
DB3
DB4
DB5
DB6
DB7
VCC
VO
LED+
LED-
RS
RW
ENA
GND
LCD 16x2
R1
10k
R5
10k
R4
330
U1_VO
U2_GND
R3
330
U1_VO
Made with Tinkercad®
Title: Prototype Volume Control
Date: 9/13/2025, 4:06:53 PM
Sheet: 1/1