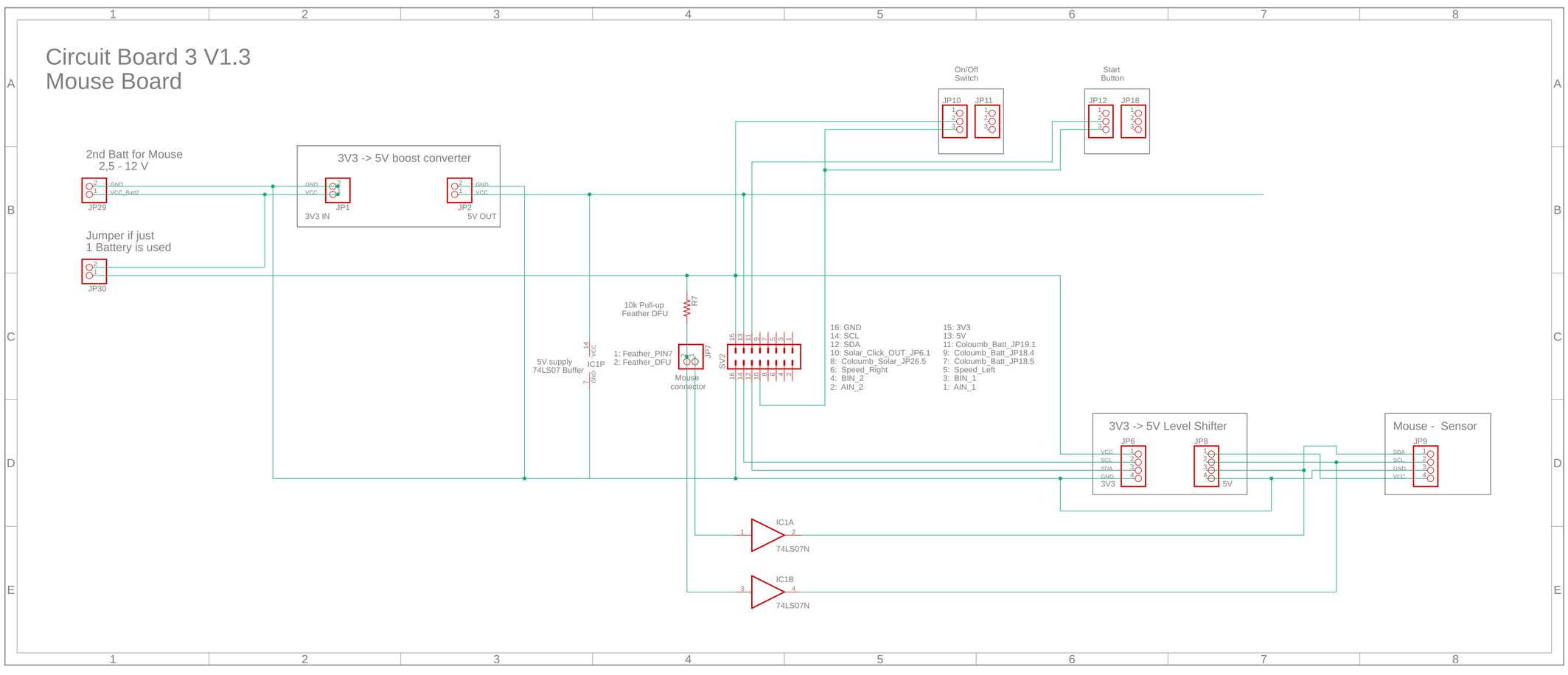
Circuit Board 3 V1.3
Mouse Board
2nd Batt for Mouse
2,5 - 12 V
JP29
GND
VCC_Batt2
Jumper if just
1 Battery is used
JP30
3V3 -> 5V boost converter
GND
VCC
JP1
3V3 IN
JP2
5V OUT
On/Off
Switch
JP10
JP11
Start
Button
JP12
JP18
10k Pull-up
Feather DFU
R7
5V supply
74LS07 Buffer
IC1P
1: Feather_PIN7
2: Feather_DFU
JP7
Mouse
connector
SV2
16: GND
14: SCL
12: SDA
10: Solar_Click_OUT_JP6.1
8: Coloumb_Solar_JP26.5
6: Speed_Right
4: BIN_2
2: AIN_2
15: 3V3
13: 5V
11: Coloumb_Batt_JP19.1
9: Coloumb_Batt_JP18.4
7: Coloumb_Batt_JP18.5
5: Speed_Left
3: BIN_1
1: AIN_1
3V3 -> 5V Level Shifter
JP6
JP8
VCC
SCL
SDA
GND
3V3
5V
Mouse - Sensor
JP9
SDA
SCL
GND
VCC
IC1A
74LS07N
IC1B
74LS07N