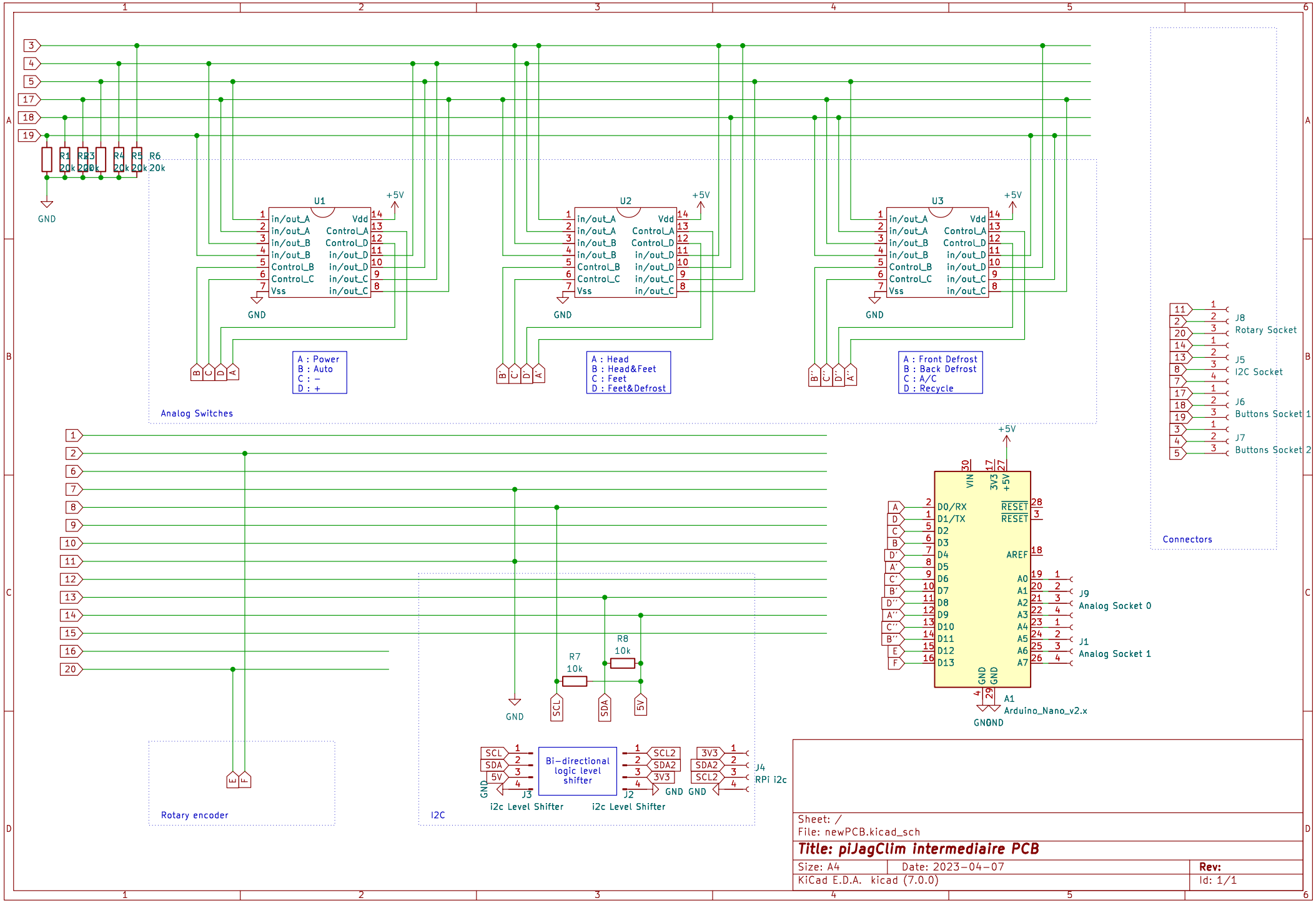
Analog Switches
U1
U2
U3
in/out_A
in/out_B
Control_A
Control_B
Control_C
Control_D
Vdd
Vss
+5V
GND
A : Power
B : Auto
C : –
D : +
A : Head
B : Head&Feet
C : Feet
D : Feet&Defrost
A : Front Defrost
B : Back Defrost
C : A/C
D : Recycle
R1 20k
R2 20k
R3 20k
R4 20k
R5 20k
R6 20k
Connectors
J8
Rotary Socket
J5
I2C Socket
J6
Buttons Socket 1
J7
Buttons Socket 2
Rotary encoder
I2C
R7 10k
R8 10k
SCL
SDA
5V
Bi-directional logic level shifter
i2c Level Shifter
J3
J2
J4
RPi i2c
SCL2
SDA2
3V3
A1
Arduino_Nano_v2.x
J9
Analog Socket 0
J1
Analog Socket 1
D0/RX
D1/TX
RESET
AREF
VIN
A0
A1
A2
A3
A4
A5
A6
A7
D2
D3
D4
D5
D6
D7
D8
D9
D10
D11
D12
D13
Sheet: /
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Title: piJagClim intermediaire PCB
Size: A4
Date: 2023-04-07
Rev:
KiCad E.D.A. kicad (7.0.0)
Id: 1/1

I2c Level Shifter
J3
REF**
J2
Buttons Socket 2
J7
J4
RPi I2c
R8
R7
J5
I2C Socket
R6
R5
R4
R3
R2
R1
U2
U3
A1
Arduino_Nano_v2.x
USB
REF**
J9
Analog Socket 1
J10
Analog Socket 0
REF**
REF**
pIJagCIImv0.1
@yfnk.electronics
J6
Buttons Socket 1
J8
Rotary Socket

I2c Level Shifter
J3
REF**
J2
J1
RPi I2c
R8
R7
J5
I2C Socket
R6
R5
R4
R3
R2
R1
Buttons Socket 2
U1
U2
U3
A1
Arduino_Nano_v2.x
USB
J4
J9
Analog Socket 1
Analog Socket 0
REF**
REF**
REF**
pIJagClimv0.1
@yfnk.electronics
J6
Buttons Socket 1
J8
Rotary Socket