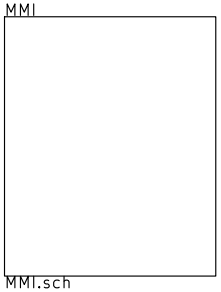
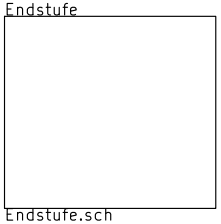
MMI



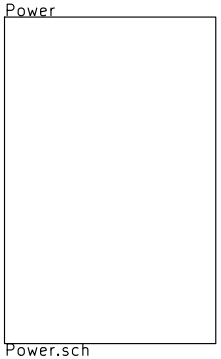
MMI.sch

Endstufe



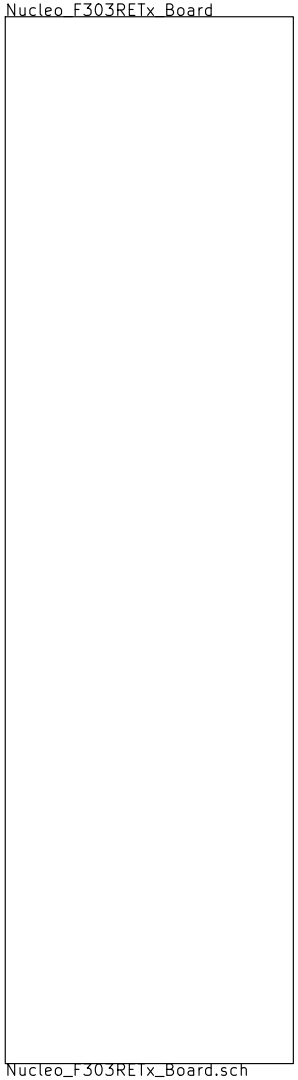
Endstufe.sch

Power



Power.sch

Nucleo_F303RETx_Board

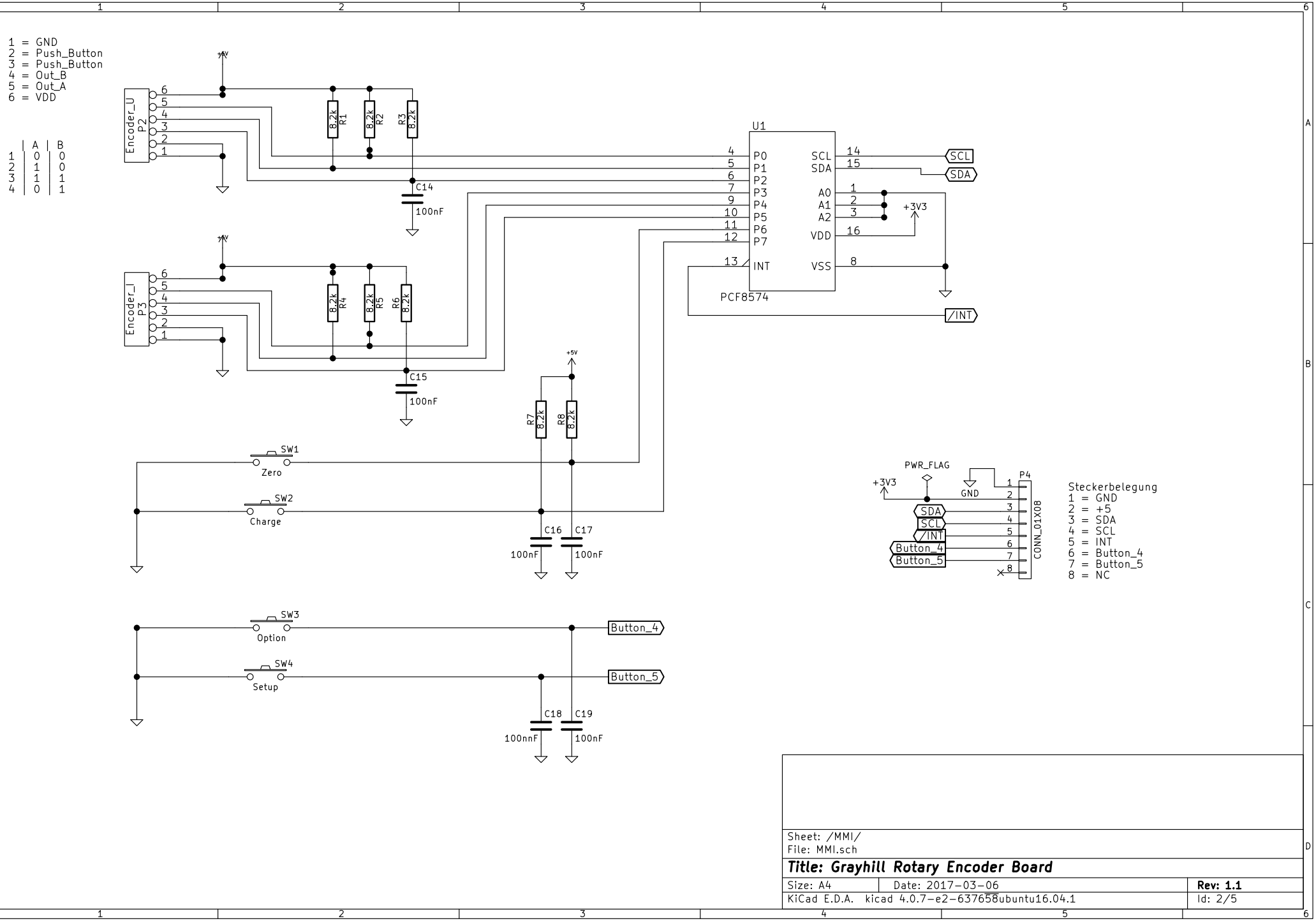


Nucleo_F303RETx_Board.sch

Sheet: /
File: Netzteil_Progammable.sch

Title:

Size: A4	Date: 26 jan 2013	**Rev:**
KiCad E.D.A. kicad 4.0.7-e2-637658ubuntu16.04.1		Id: 1/5



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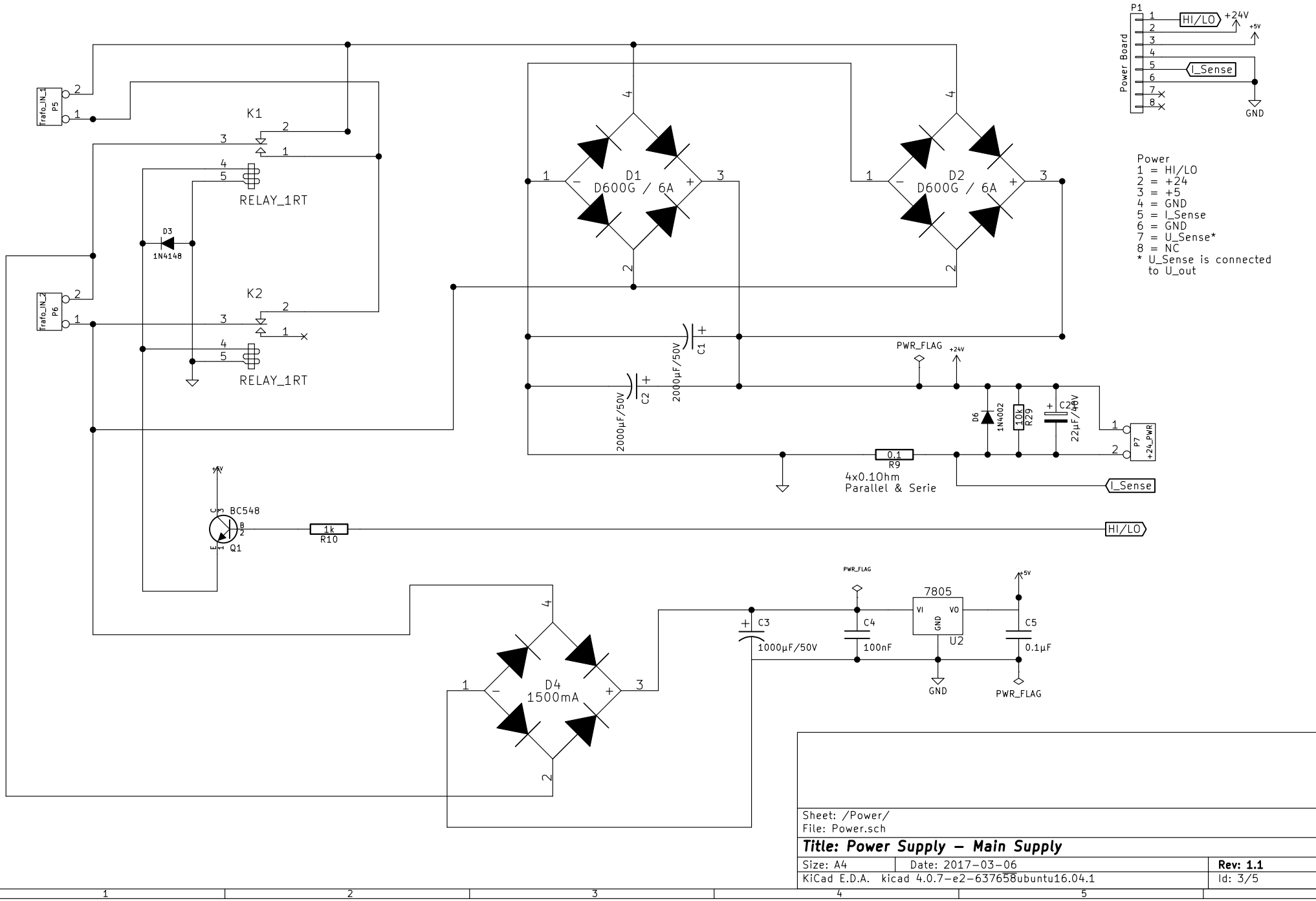
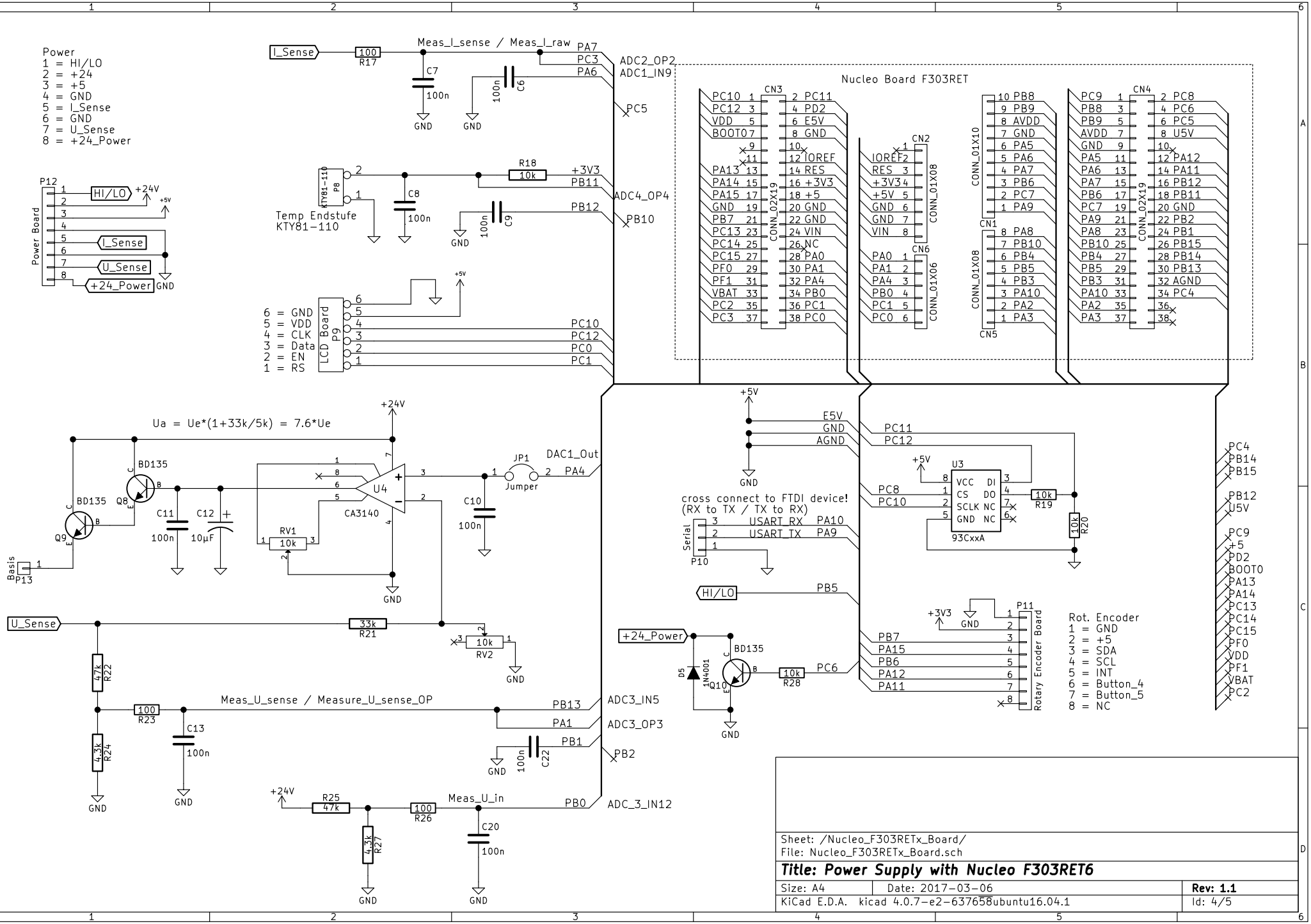
File: MMI.sch

Title: Grayhill Rotary Encoder Board

Size: A4	Date: 2017-03-06	**Rev: 1.1**
KiCad E.D.A. kicad 4.0.7-e2-637658ubuntu16.04.1		Id: 2/5


P1
Power Board
HI/LO
+24V
+5V
I_Sense
GND
Power
1 = HI/LO
2 = +24
3 = +5
4 = GND
5 = I_Sense
6 = GND
7 = U_Sense*
8 = NC
* U_Sense is connected
to U_out
Trafo_IN_1
P5
Trafo_IN_2
P6
K1
K2
RELAY_1RT
RELAY_1RT
D3
1N4148
D1
D600G / 6A
D2
D600G / 6A
C1
2000µF/50V
C2
2000µF/50V
PWR_FLAG
+24V
D6
1N4002
10k
R29
C2
22µF/40V
P7
+24_PWR
0.1
R9
4x0.10hm
Parallel & Serie
I_Sense
+5V
BC548
Q1
1k
R10
HI/LO
D4
1500mA
C3
1000µF/50V
C4
100nF
7805
VI
VO
GND
U2
C5
0.1µF
GND
PWR_FLAG
Sheet: /Power/
File: Power.sch
Title: Power Supply – Main Supply
Size: A4
Date: 2017-03-06
Rev: 1.1
KiCad E.D.A. kicad 4.0.7-e2-637658ubuntu16.04.1
Id: 3/5



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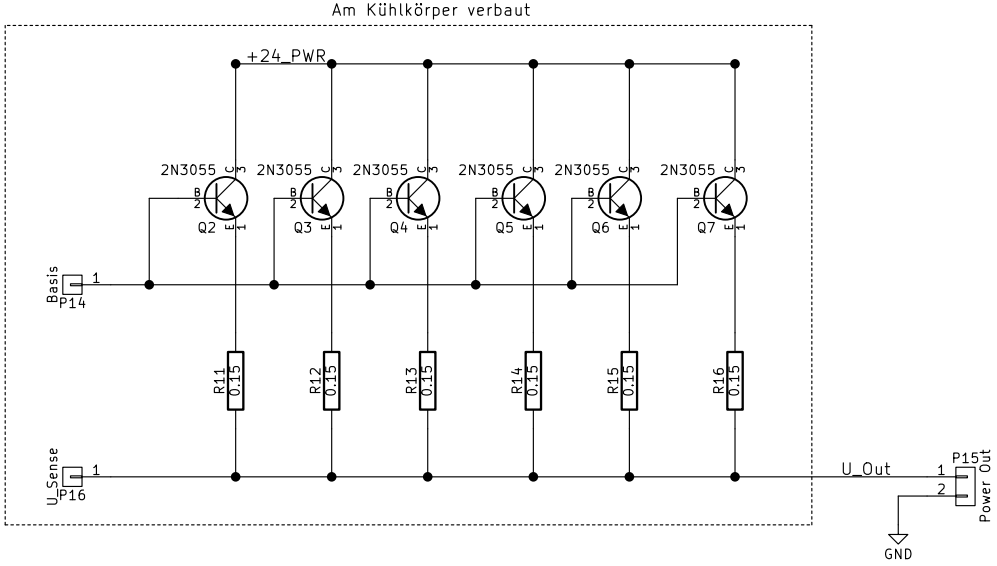
File: Nucleo_F303RETx_Board.sch		
Title: Power Supply with Nucleo F303RET6		
Size: A4	Date: 2017-03-06	**Rev: 1.1**
KiCad E.D.A. kicad 4.0.7-e2-637658ubuntu16.04.1		Id: 4/5



Sheet: /Endstufe/		
File: Endstufe.sch		
Title: Power Supply – Output Stage		
Size: A4	Date: 2017-03-06	**Rev: 1.1**
KiCad E.D.A. kicad 4.0.7-e2-637658ubuntu16.04.1		Id: 5/5