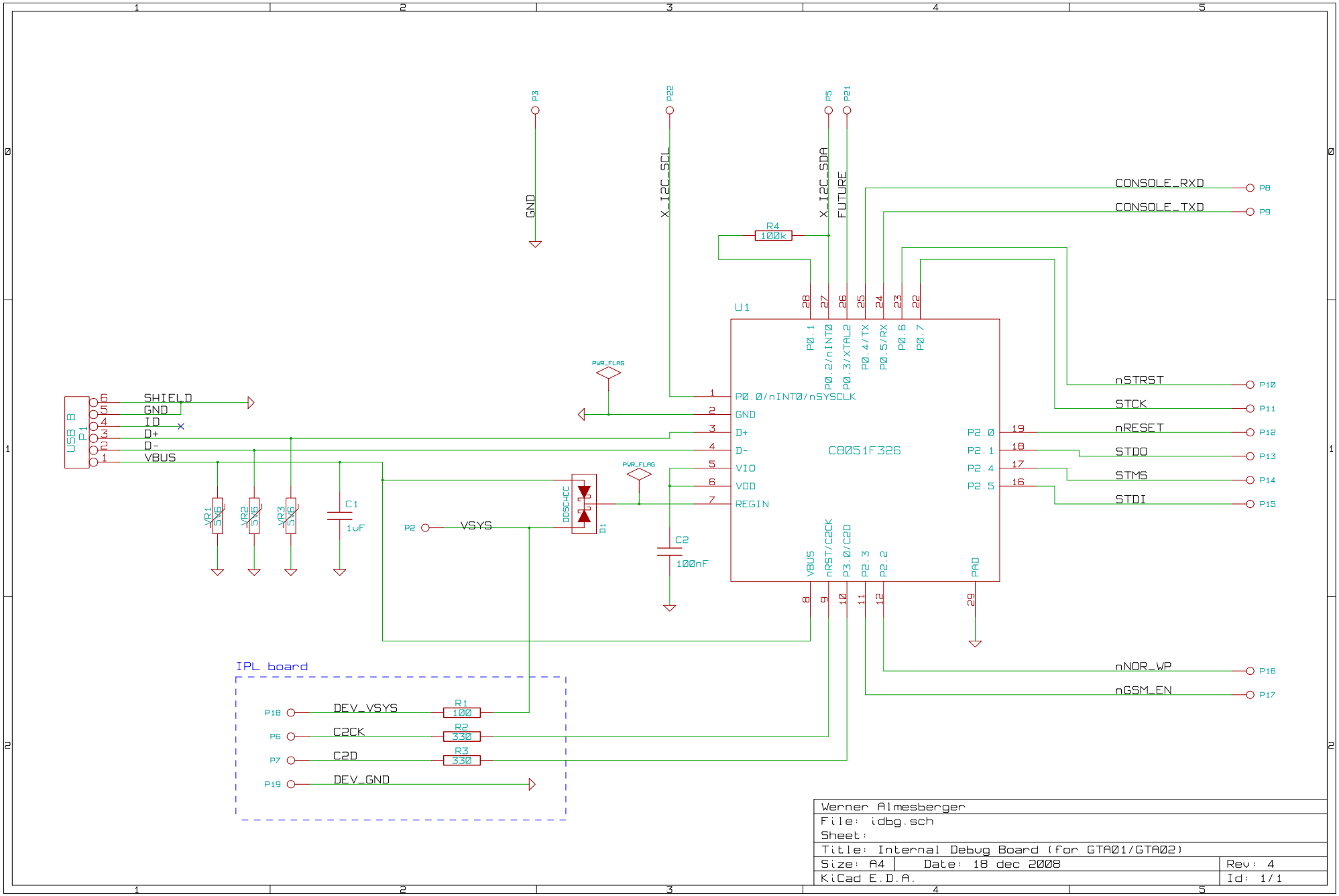
P3
GND
P22
X_I2C_SCL
P5
P21
X_I2C_SDA
FUTURE
R4
100k
CONSOLE_RXD
P8
CONSOLE_TXD
P9
U1
28
27
26
25
24
23
22
P0.1
P0.2/nINT0
P0.3/XTAL2
P0.4/TX
P0.5/RX
P0.6
P0.7
PWR_FLAG
1
P0.0/nINT0/nSYSCLK
2
GND
3
D+
4
D-
5
VIO
6
VDD
7
REGIN
C8051F326
P2.0
19
P2.1
18
P2.4
17
P2.5
16
nSTRST
P10
STCK
P11
nRESET
P12
STDO
P13
STMS
P14
STDI
P15
USB B
P1
SHIELD
GND
ID
D+
D-
VBUS
VR1
5V6
VR2
5V6
VR3
5V6
C1
1uF
PWR_FLAG
P2
VSYS
DDSCHCC
D1
C2
100nF
8
VBUS
9
nRST/C2CK
10
P3.0/C2D
11
P2.3
12
P2.2
29
PAD
nNOR_WP
P16
nGSM_EN
P17
IPL board
P18
DEV_VSYS
R1
100
P6
C2CK
R2
330
P7
C2D
R3
330
P19
DEV_GND
Werner Almesberger
File: idbg.sch
Sheet:
Title: Internal Debug Board (for GTA01/GTA02)
Size: A4
Date: 18 dec 2008
Rev: 4
KiCad E.D.A.
Id: 1/1