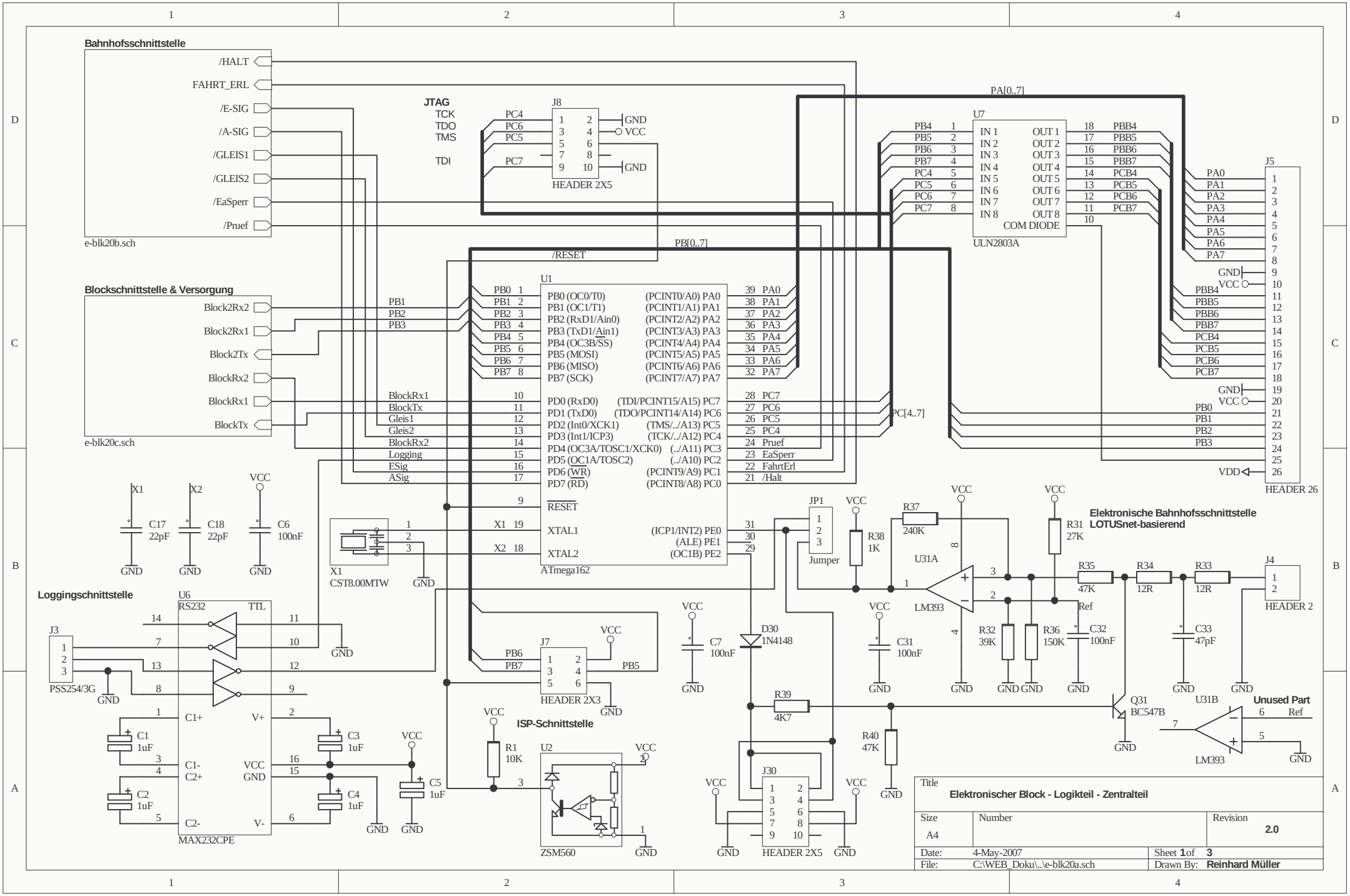
Bahnhofsschnittstelle
/HALT
FAHRT_ERL
/E-SIG
/A-SIG
/GLEIS1
/GLEIS2
/EaSperr
/Pruef
e-blk20b.sch
JTAG
TCK
TDO
TMS
TDI
J8
HEADER 2X5
PA[0..7]
U7
ULN2803A
COM DIODE
J5
HEADER 26
PB[0..7]
/RESET
U1
ATmega162
Blockschnittstelle & Versorgung
Block2Rx2
Block2Rx1
Block2Tx
BlockRx2
BlockRx1
BlockTx
e-blk20c.sch
PC[4..7]
X1
CST8.00MTW
C17 22pF
C18 22pF
C6 100nF
VCC
GND
JP1
Jumper
R38 1K
R37 240K
R31 27K
Elektronische Bahnhofsschnittstelle
LOTUSnet-basierend
U31A
LM393
R35 47K
R34 12R
R33 12R
J4
HEADER 2
R32 39K
R36 150K
C32 100nF
C33 47pF
Ref
Loggingschnittstelle
U6
RS232
TTL
J3
PSS254/3G
MAX232CPE
C1 1uF
C2 1uF
C3 1uF
C4 1uF
C5 1uF
J7
HEADER 2X3
PB5
C7 100nF
D30 1N4148
C31 100nF
R39 4K7
R40 47K
Q31 BC547B
U31B
Unused Part
ISP-Schnittstelle
R1 10K
U2
ZSM560
J30
HEADER 2X5
Title
Elektronischer Block - Logikteil - Zentralteil
Size
A4
Number
Revision
2.0
Date: 4-May-2007
Sheet 1 of 3
File: C:\WEB_Doku\..\e-blk20a.sch
Drawn By: Reinhard Müller