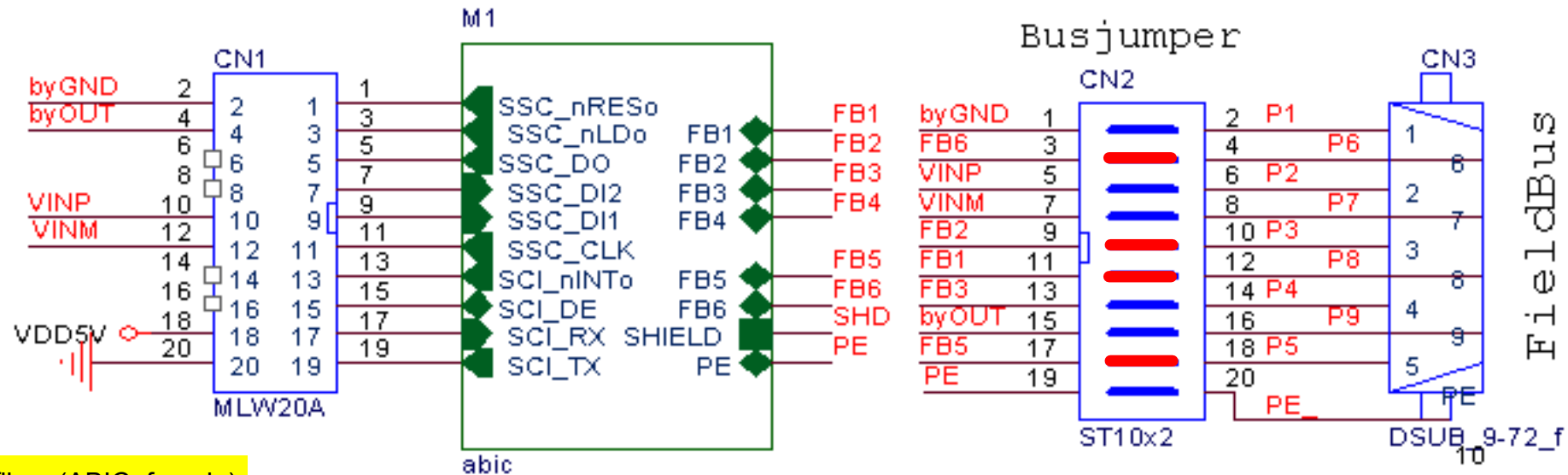


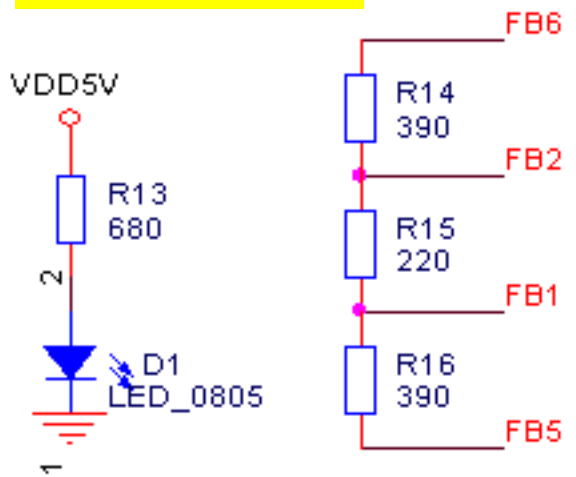
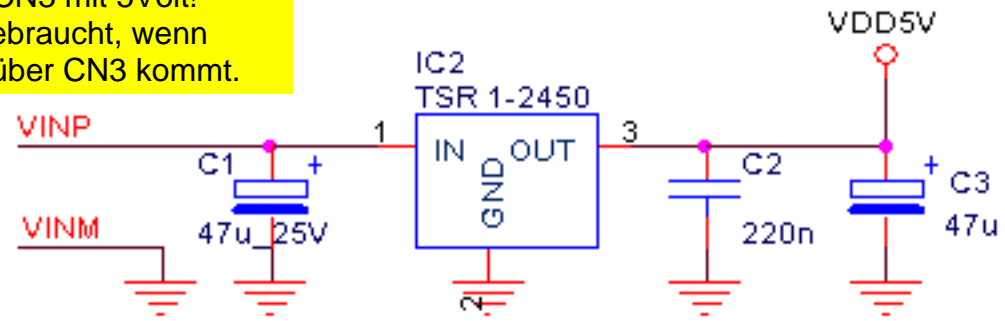
IONv10



Profibus (ABIC, female)

Pin	Signal	DB9F
FB1	A-Line	8 M
FB2	B-Line	3 P
FB3	RTS	4 ---
FB5	GND	5
FB6	+5V	6

FB6 versorgt CN3 mit 5Volt!
IC2 wird nur gebraucht, wenn
Power als VINP über CN3 kommt.

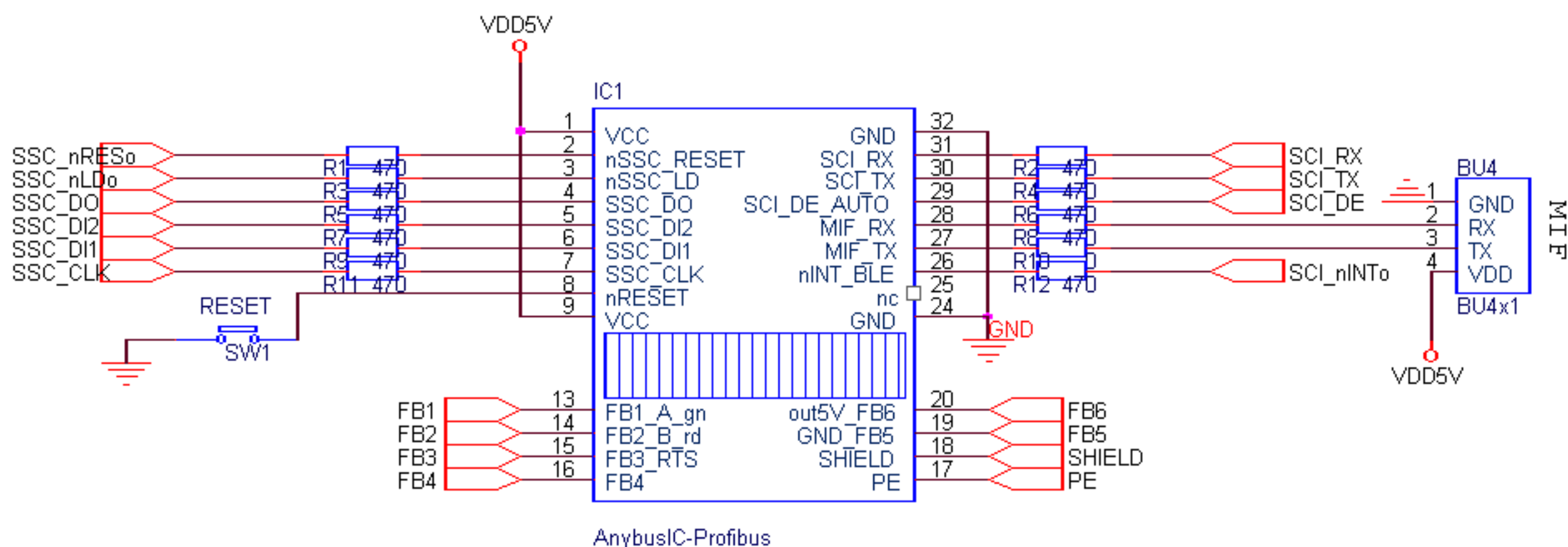


Bus-Termination:
Bestückung nur falls Endpoint
Busspec. beachten!

Jumper CN2 für Rangierung Profibus/CANopen
Profibus: Verbindungen zwischen 1-2, 3-4, 5-6 ...
DSUB9-CN3: ProfiBus: female, CAN: male

Achtung! Wird DSUB9-male eingebaut (CAN),
ist Pinfolge an CN3 invertiert! Vorsicht!

Title		ABIC-Busadpater		Profibus-Interface Signal JP-CN2 DB9F DP FB2 9-10 3 B DM FB1 11-12 8 A 0V FB5 17-18 5 GND	
Size	A4	Document Number	heinz@gfai.de	Rev	1.0
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AnybusIC:

zum µController "SCI" UART

Shiftregister "SSC": Anybus ist SPI-Master

Monitoring "MIF" UART

SSC Schieberegister

2	SSC_RES_OUT	Reset output
3	SSC_LD	Load input (low active)
4	SSC_DO	SerialDataOutput
5	SSC_DI2	SerialDataInput
6	SSC_DI1	SerialDataInput
7	SSC_CLK	Clock output
8	nRESET	input

DSUB-9	Profibus female	DSUB-9 CANopen male
P1	--- BypassGND	P1 ---
P2	--- Powersupply_GND	P2 FB2 CAN_L
P3	FB2 Line B red, neg.	P3 FB5 CAN_GND
P4	FB3 RTS optional	P4 ---
P5	FB5 Line GND	P5 --- SHIELD
P6	FB6 Termination +5Vout	P6 --- VCCOV
P7	--- Powersupply_PLUS	P7 FB1 CAN_H
P8	FB1 Line A green	P8 ---
P9	--- BypassOUT	P9 --- VCC5V

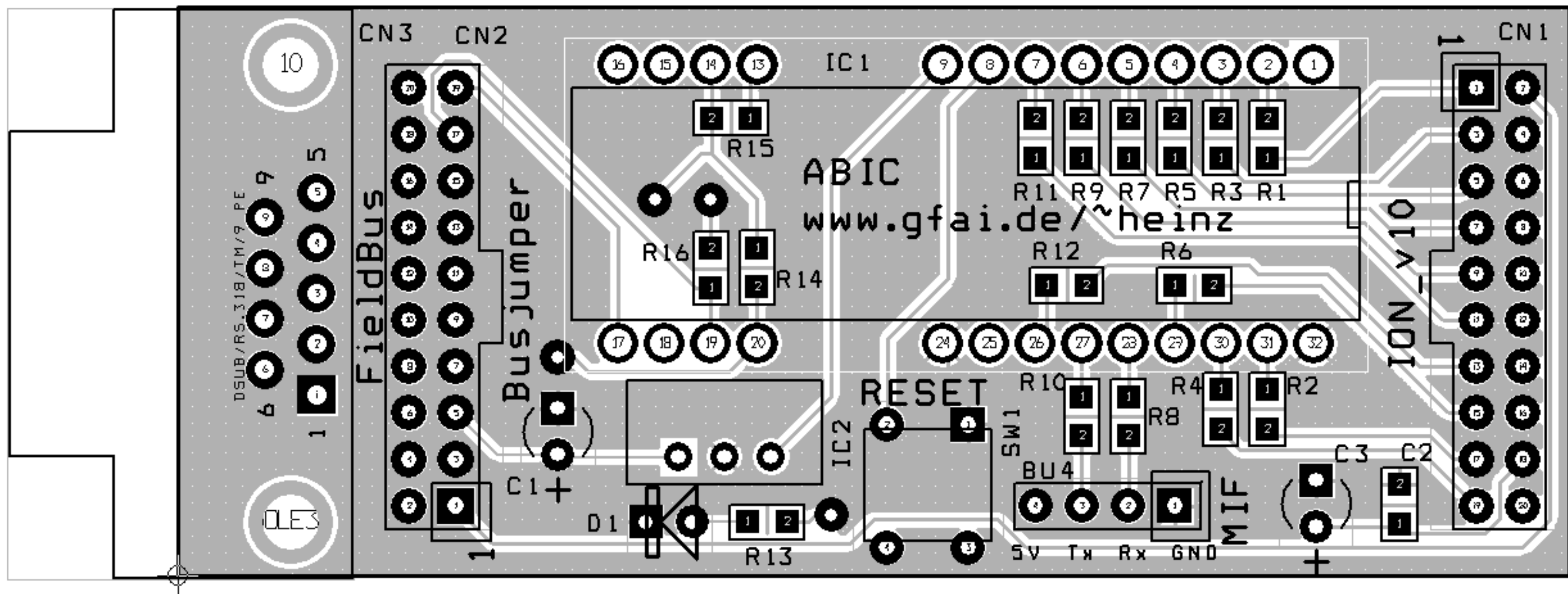
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AnyBusIC-Interface (ABIC)		
Size	Document Number	Rev
A4	heinz@gfai.de	1.0
Date:	Wednesday, March 09, 2011	Sheet 0 of 2

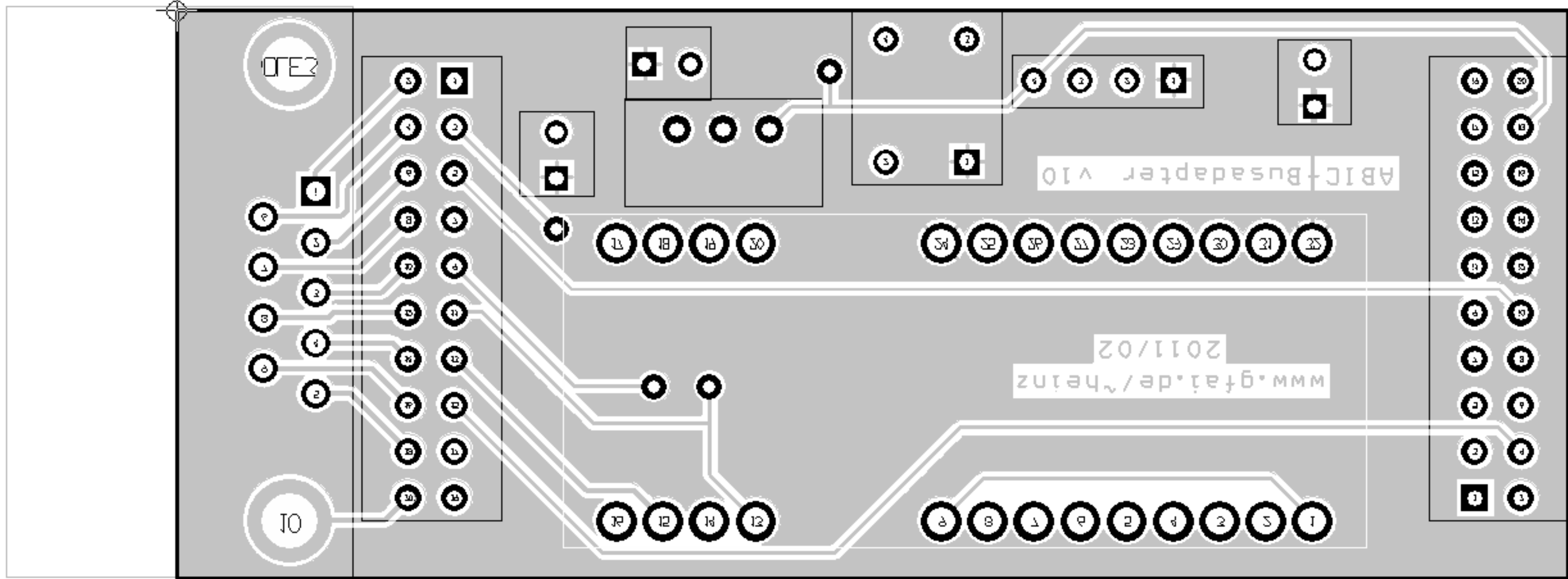
ABIC-Busadpater

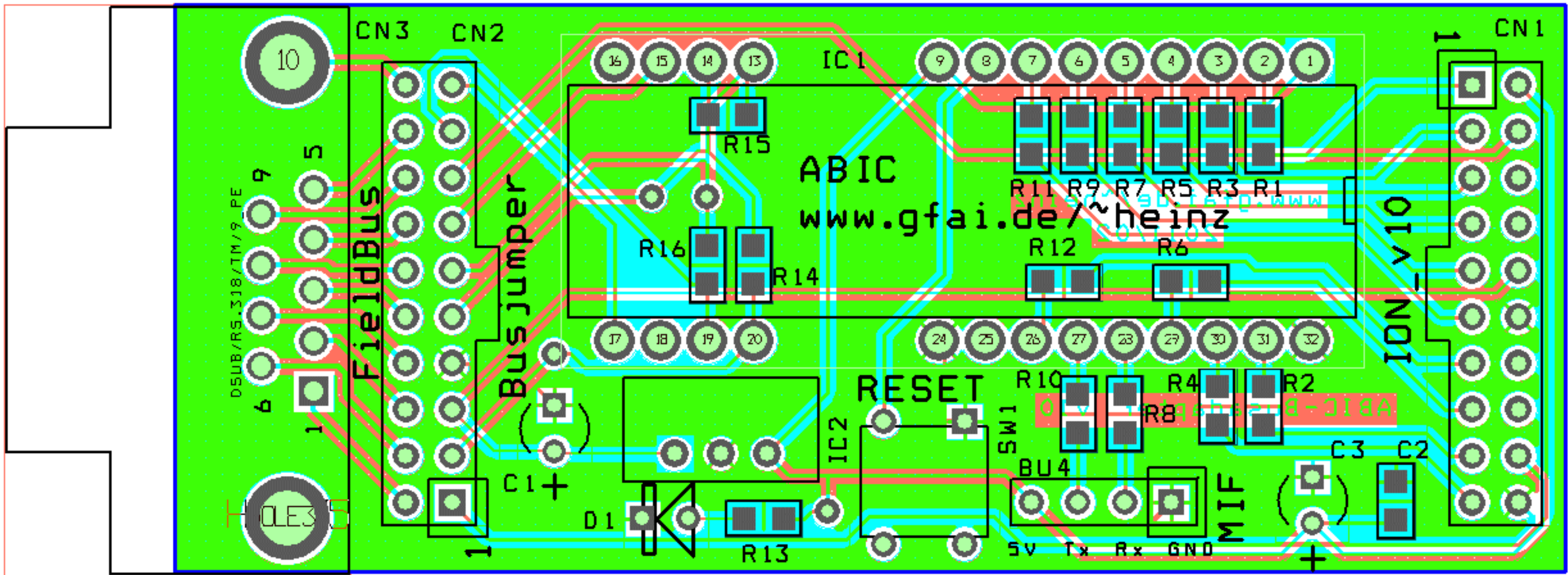
Revised: Wednesday, March 09, 2011
heinz@gfai.de Revision: 1.0

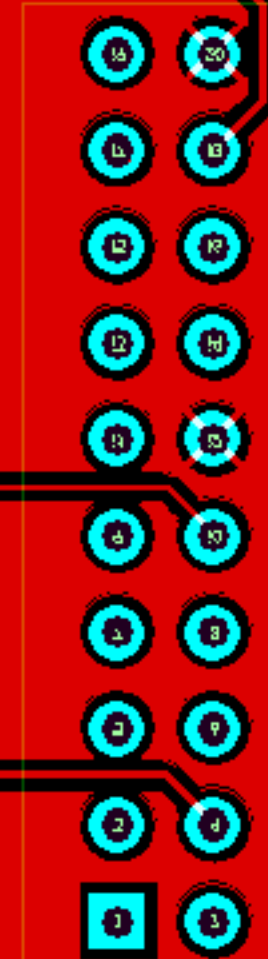
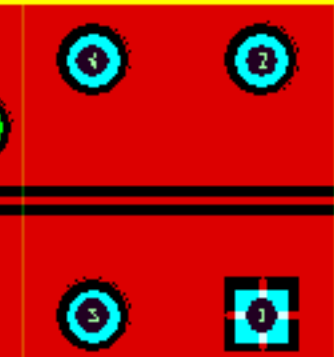
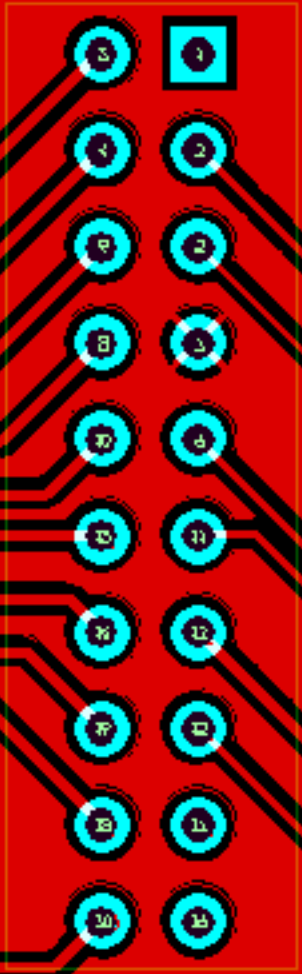
Bill Of Materials

Item	Qty	Ref	Part
1	1	BU4	BU4x1
2	2	CN1	MLW20A
		CN2	ST10x2
3	1	CN3	DSUB_9-72_f
4	1	C1	47u_25V
5	1	C2	220n
6	1	C3	47u_6V
7	1	D1	LED_3mm
8	1	IC1	AnybusIC-Profibus
9	1	IC2	TSR_1-2450
10	11	R1	470
		R2	470
		R3	470
		R4	470
		R5	470
		R6	470
		R7	470
		R8	470
		R9	470
		R11	470
		R12	470
11	1	R10	0
12	1	R13	680
13	2	R14	390
		R16	390
14	1	R15	220
15	1	SW1	BTN









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2011/02

ABIC-Busadapter v10