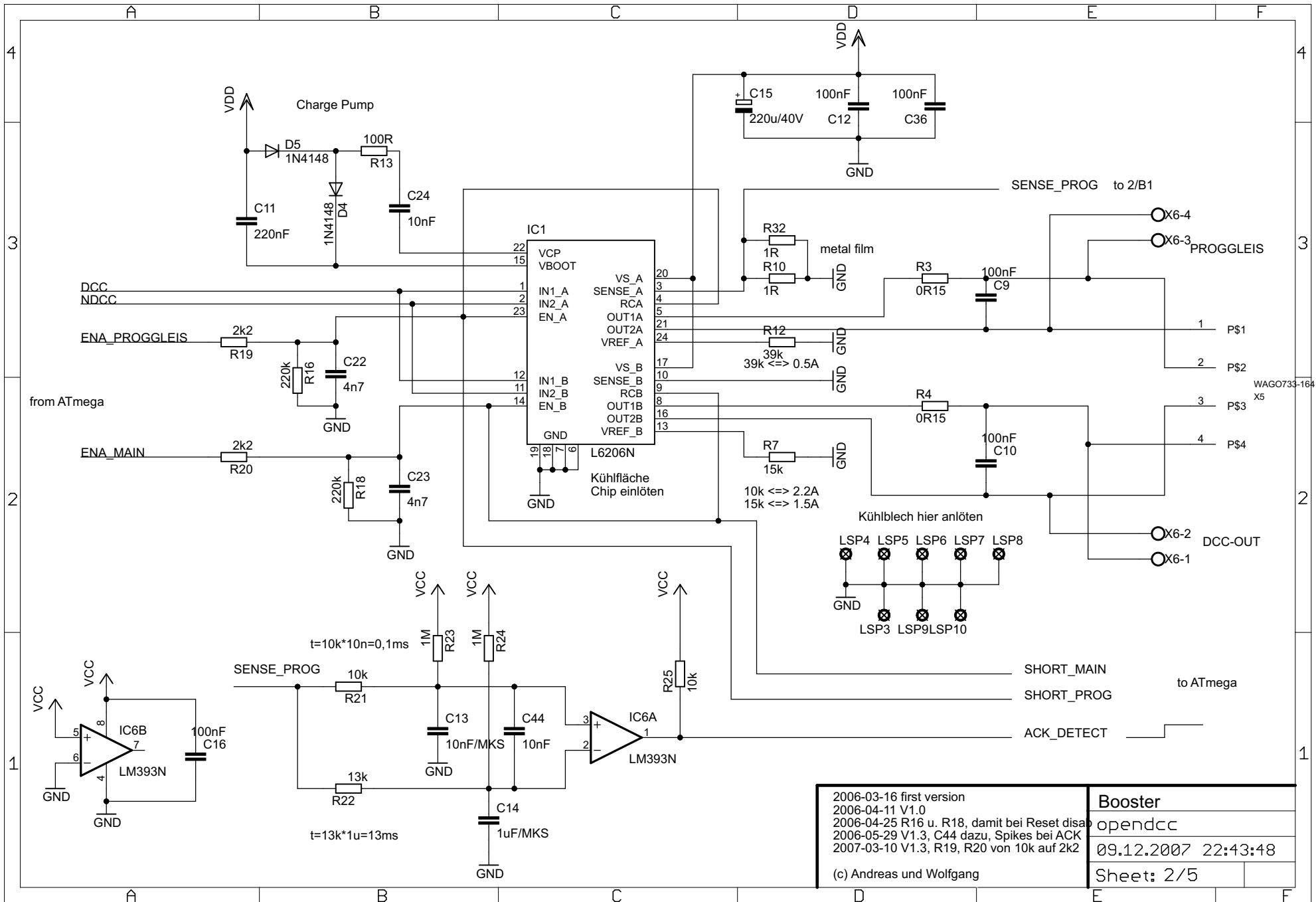


2006-04-11 V1.0  
 2006-04-16 added CTS, RTS; USB-Support  
 2006-04-23 V1.2 FT232RL Chip  
 2006-04-25 Added ISP and Resetchip (n.f.)  
 2006-05-15 Change C4-C5 -> 18pF  
 2007-12-08 V1.4 Added Raildata + S88-N  
 (c) Andreas Lang und Wolfgang Kufer

<b>Prozessor</b>				
opendcc				
09.12.2007 22:43:48				
Sheet: 1/5				

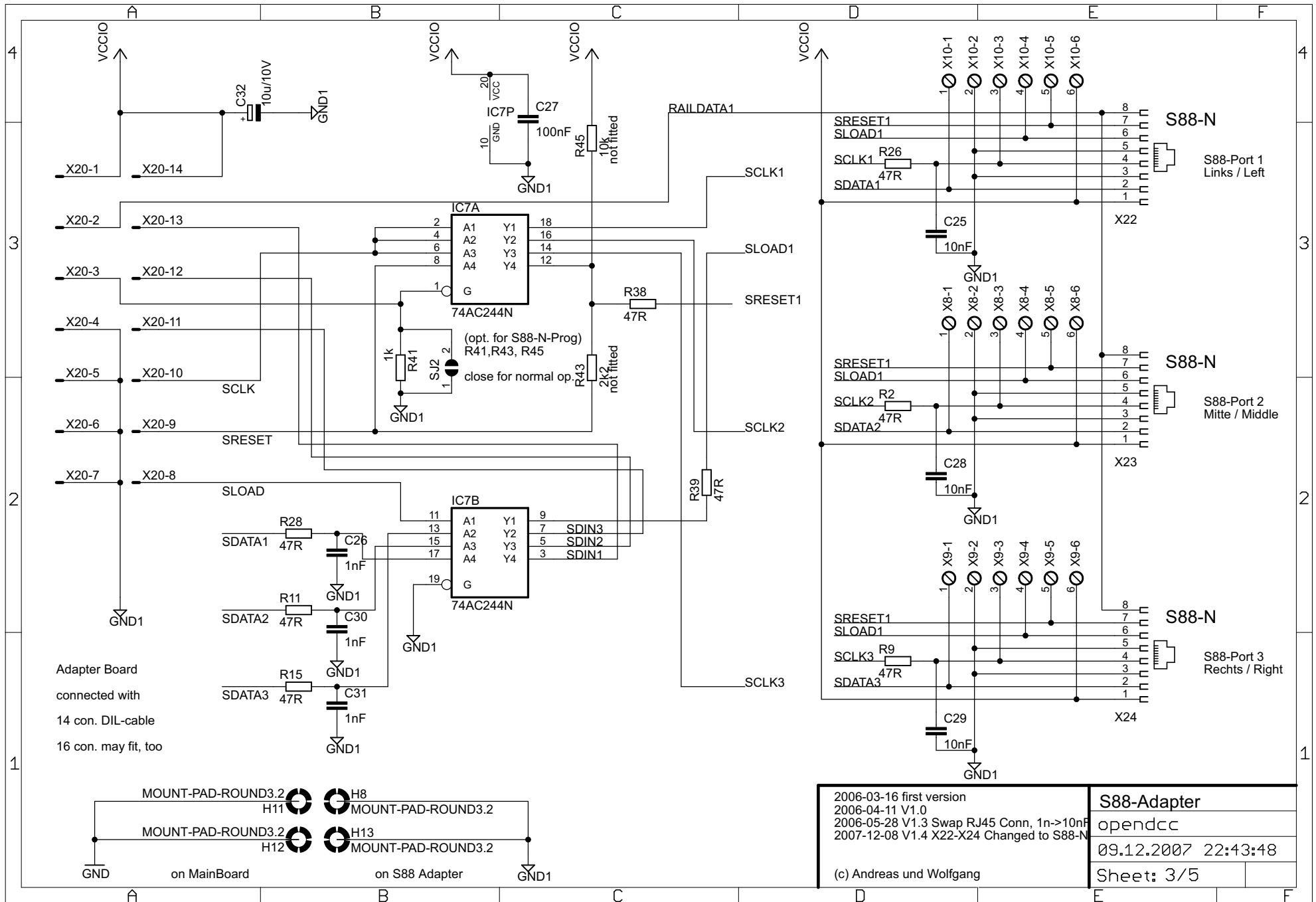
Mode:	IBOX	DMX	S88	td.
JP1		X		X
JP2			X	X

see at www.lancos.com

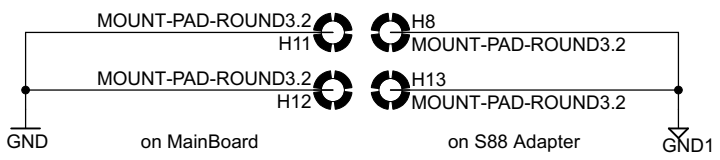


2006-03-16 first version  
 2006-04-11 V1.0  
 2006-04-25 R16 u. R18, damit bei Reset disa  
 2006-05-29 V1.3, C44 dazu, Spikes bei ACK  
 2007-03-10 V1.3, R19, R20 von 10k auf 2k2  
 (c) Andreas und Wolfgang

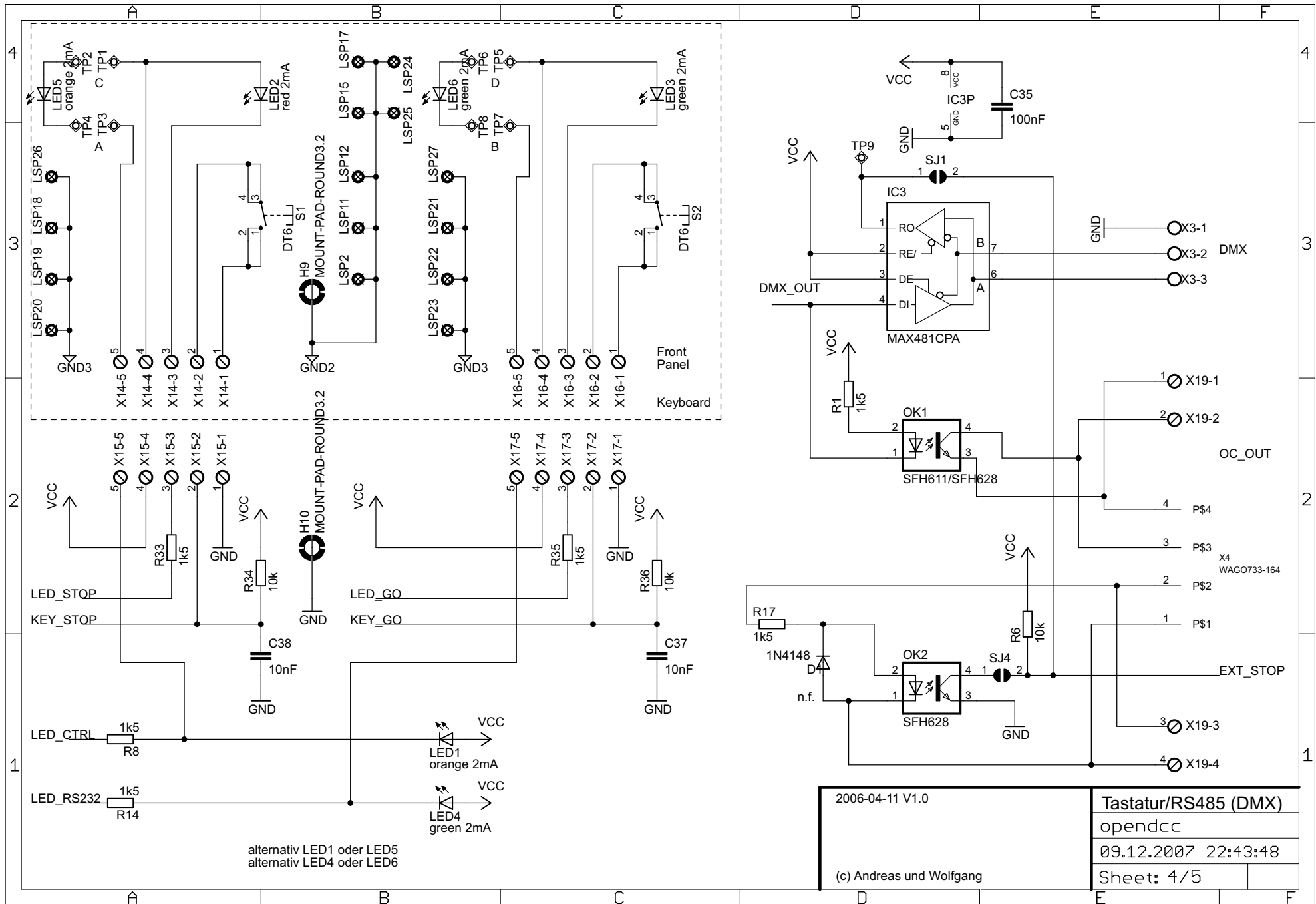
<b>Booster</b>
opendcc
09.12.2007 22:43:48
Sheet: 2/5



Adapter Board  
connected with  
14 con. DIL-cable  
16 con. may fit, too

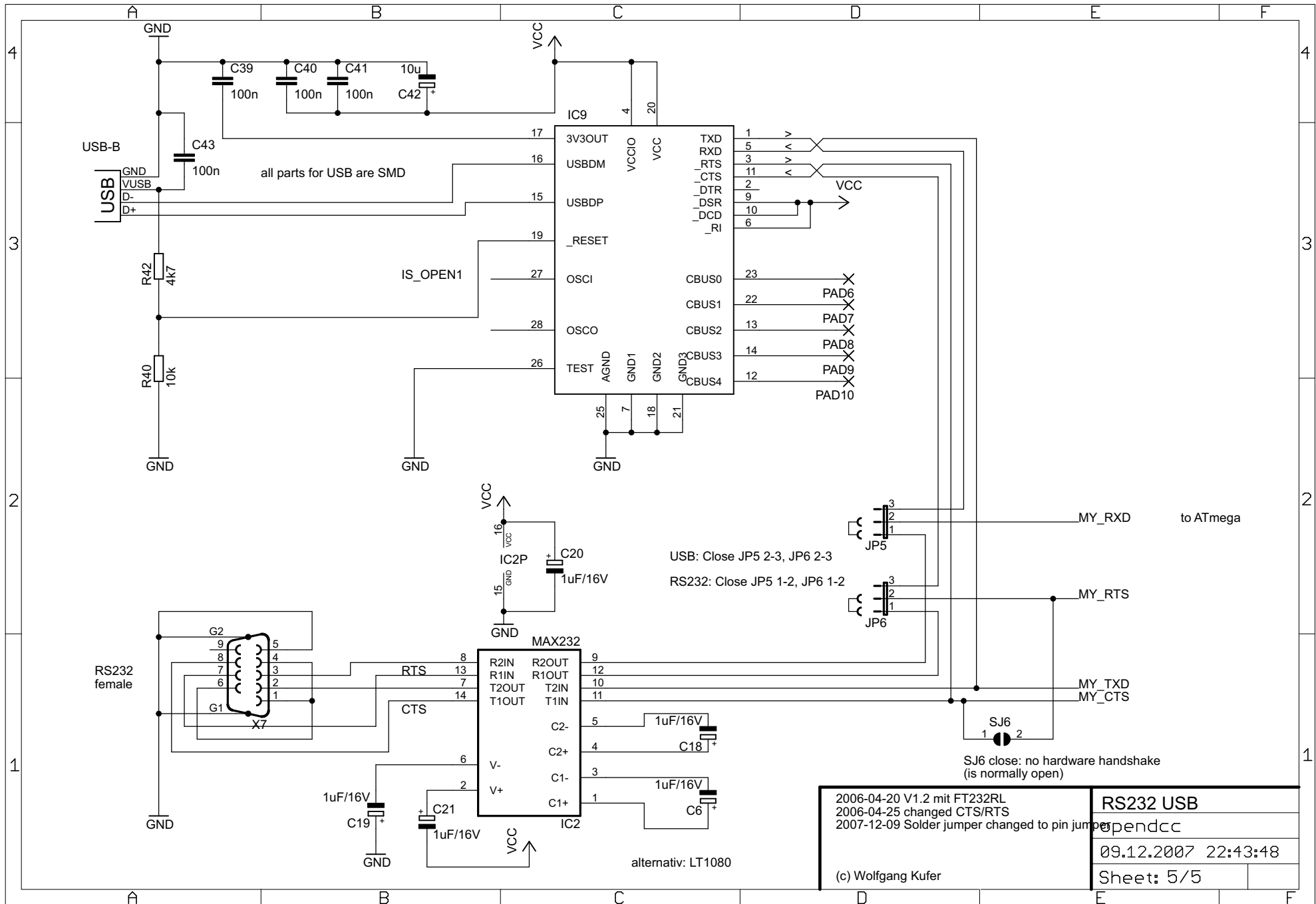


2006-03-16 first version 2006-04-11 V1.0 2006-05-28 V1.3 Swap RJ45 Conn, 1n->10nF 2007-12-08 V1.4 X22-X24 Changed to S88-N	<b>S88-Adapter</b>
	opendcc
	09.12.2007 22:43:48
(c) Andreas und Wolfgang	Sheet: 3/5



2006-04-11 V1.0  
 (c) Andreas und Wolfgang

Tastatur/RS485 (DMX)  
 opendcc  
 09.12.2007 22:43:48  
 Sheet: 4/5



USB: Close JP5 2-3, JP6 2-3  
 RS232: Close JP5 1-2, JP6 1-2

SJ6 close: no hardware handshake  
 (is normally open)

2006-04-20 V1.2 mit FT232RL  
 2006-04-25 changed CTS/RTS  
 2007-12-09 Solder jumper changed to pin jumper  
 (c) Wolfgang Kufer

<b>RS232 USB</b>	
pendcc	
09.12.2007 22:43:48	
Sheet: 5/5	