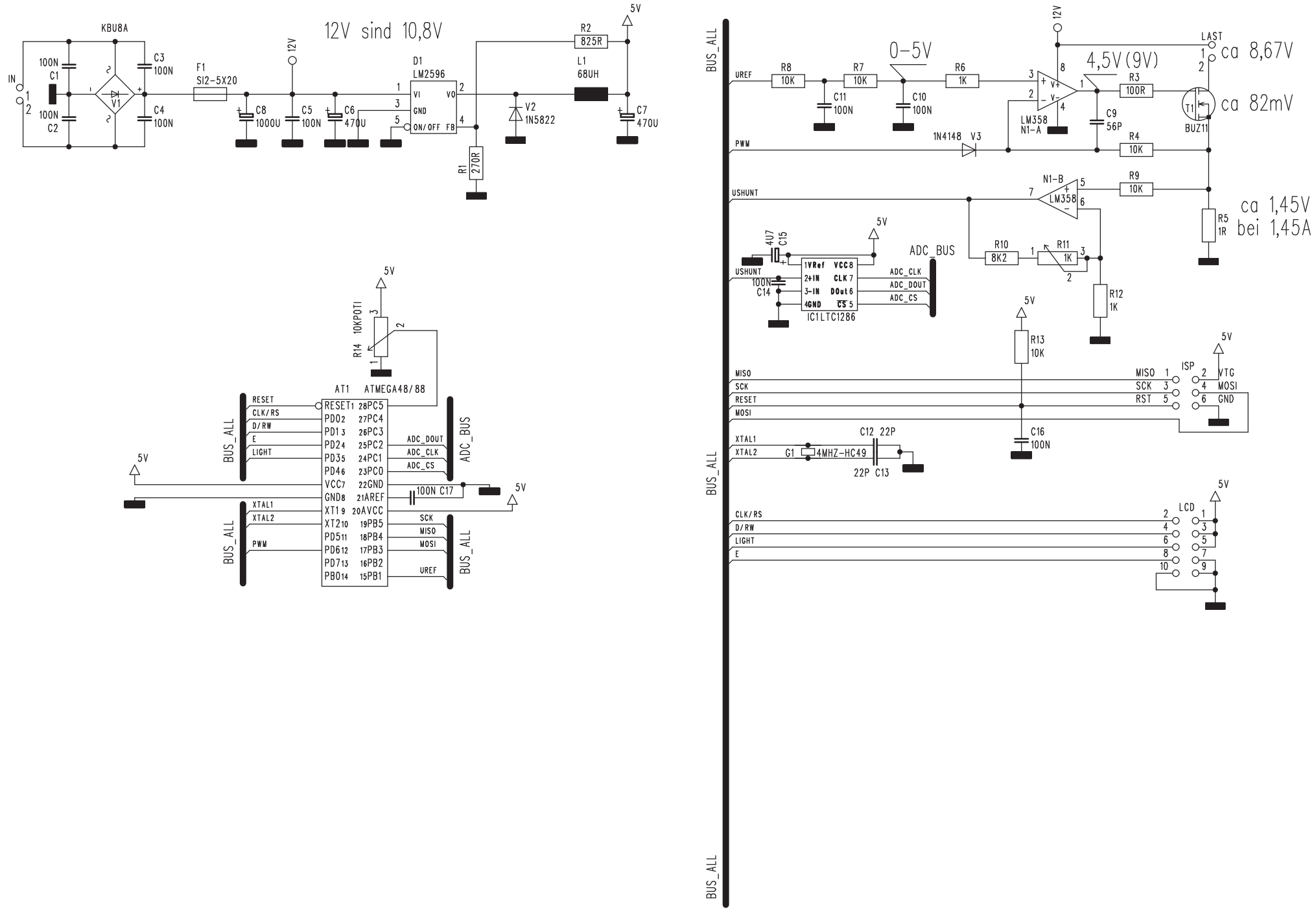
KBU8A
12V sind 10,8V
IN
100N C1
100N C2
V1
C3 100N
C4 100N
F1 SI2-5X20
12V
C8 1000U
C5 100N
C6 470U
D1 LM2596
VI
VO
GND
ON/OFF
FB
R2 825R
L1 68UH
5V
V2 1N5822
C7 470U
R1 270R
R14 10KPOTI
AT1 ATMEGA48/88
RESET
CLK/RS
D/RW
E
LIGHT
XTAL1
XTAL2
PWM
BUS_ALL
ADC_DOUT
ADC_CLK
ADC_CS
ADC_BUS
100N C17
SCK
MISO
MOSI
UREF
0-5V
4,5V(9V)
LAST
ca 8,67V
ca 82mV
R8 10K
R7 10K
R6 1K
R3 100R
R4 10K
R9 10K
C11 100N
C10 100N
C9 56P
LM358 N1-A
N1-B
1N4148 V3
BUZ11
T1
USHUNT
R5 1R
ca 1,45V bei 1,45A
4U7 C15
100N C14
IC1LTC1286
R10 8K2
R11 1K
R12 1K
R13 10K
C16 100N
ISP
RST
VTG
GND
C12 22P
22P C13
G1 4MHZ-HC49
LCD