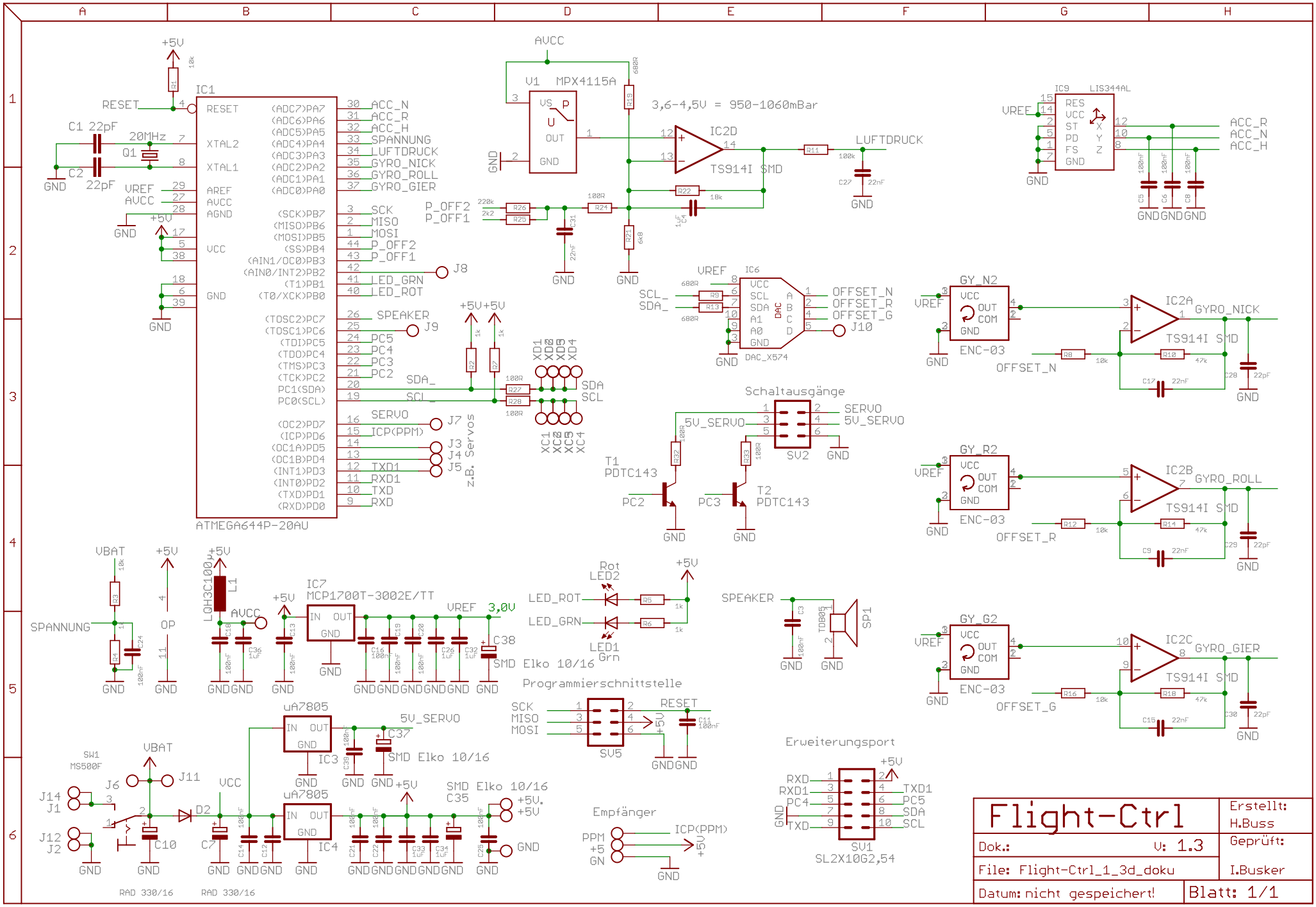
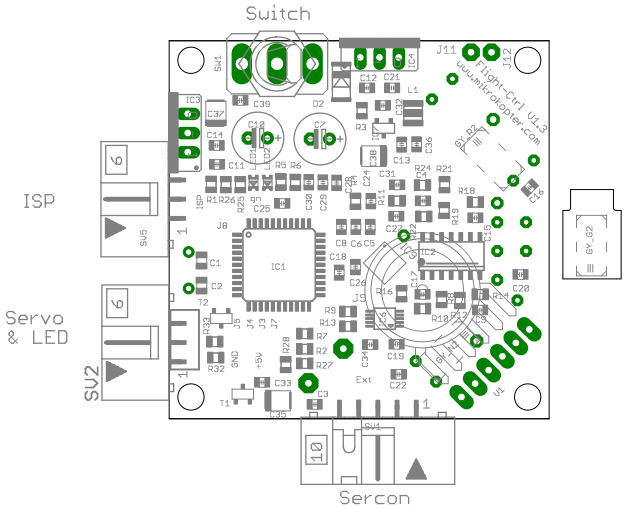

IC1
ATMEGA644P-20AU
RESET
XTAL2
XTAL1
AREF
AVCC
AGND
VCC
GND
C1 22pF
C2 22pF
20MHz
Q1
VREF
ACC_N
ACC_R
ACC_H
SPANNUNG
LUFTDRUCK
GYRO_NICK
GYRO_ROLL
GYRO_GIER
SCK
MISO
MOSI
P_OFF2
P_OFF1
LED_GRN
LED_ROT
SPEAKER
PC5
PC4
PC3
PC2
SDA_
SCL_
SERVO
ICP(PPM)
TXD1
RXD1
TXD
RXD
J8
J9
J7
J3
J4
J5
z.B. Servos
V1 MPX4115A
AVCC
3,6-4,5V = 950-1060mBar
IC2D
TS914I SMD
LUFTDRUCK
IC9 LIS344AL
IC6
DAC_X574
OFFSET_N
OFFSET_R
OFFSET_G
J10
GY_N2
GY_R2
GY_G2
ENC-03
IC2A
IC2B
IC2C
GYRO_NICK
GYRO_ROLL
GYRO_GIER
Schaltausgänge
5V_SERVO
SERVO
SV2
T1 PDTC143
T2 PDTC143
VBAT
OP
SPANNUNG
L1 LQH3C100
IC7 MCP1700T-3002E/TT
3,0V
C38 SMD Elko 10/16
Rot LED2
LED1 Grn
LED_ROT
LED_GRN
SPEAKER
SP1
Programmierschnittstelle
SV5
RESET
uA7805
IC3
IC4
C37 SMD Elko 10/16
SMD Elko 10/16 C35
SW1 MS500F
J6
J11
J14
J1
J12
J2
D2
C10
C7
RAD 330/16
Empfänger
PPM
+5
GN
ICP(PPM)
Erweiterungsport
SV1
SL2X10G2,54
Flight-Ctrl
Erstellt: H.Buss
Dok.: V: 1.3
Geprüft:
File: Flight-Ctrl_1_3d_doku
I.Busker
Datum: nicht gespeichert!
Blatt: 1/1


Switch
ISP
Servo
& LED
SV2
Sercon
Flight-Ctrl V1.3
www.mikrokopter.com

- 12V
+ for other devices
(optional)
5V Regulator
+ from Battery
+ to BL-Control
Servo
Regulator
(optional)
J1
J2
J6
GY_R
GY_G
+5V.
www.MikroKopter.de
H.Buss I.Busker
AVCC
(c) 6.2008
SPI
- to BL-Control
- from Battery
Q1
GN
+5
PPM
Br
Gr
Receiver
GY_N
J10
Servo
Speaker
I2C Bus