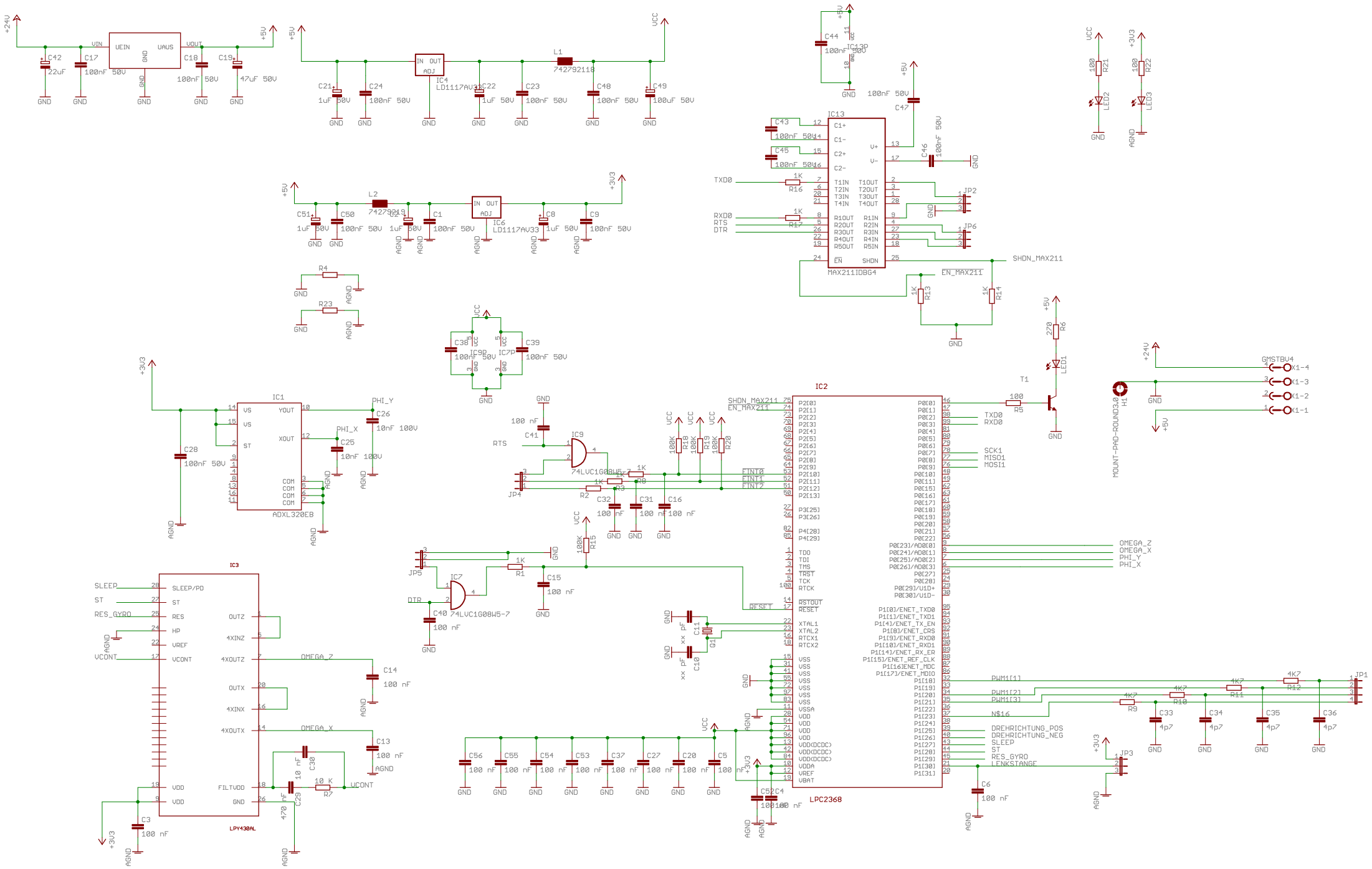
+24V
C42 22uF
C17 100nF 50V
VIN
UEIN
UAUS
VOUT
GND
C18 100nF 50V
C19 47uF 50V
+5V
IC4 LD1117AV50
IN OUT ADJ
L1 742792118
VCC
C21 1uF 50V
C24 100nF 50V
C22 1uF 50V
C23 100nF 50V
C48 100nF 50V
C49 100uF 50V
IC13D
C44 100nF 50V
C47 100nF 50V
IC13
MAX211IDBG4
C43 100nF 50V
C45 100nF 50V
C46 100nF 50V
TXD0
RXD0
RTS
DTR
R16 1K
R17 1K
JP2
JP6
SHDN_MAX211
EN_MAX211
R13 1K
R14 1K
R21 100
R22 100
LED2
LED3
+3V3
AGND
L2 742792219
IC6 LD1117AV33
C51 1uF 50V
C50 100nF 50V
C1 100nF 50V
C8 1uF 50V
C9 100nF 50V
R4
R23
IC9B
IC7D
C38 100nF 50V
C39 100nF 50V
IC1 ADXL320EB
PHI_Y
PHI_X
C28 100nF 50V
C26 10nF 100V
C25 10nF 100V
IC2 LPC2368
SHDN_MAX211
EN_MAX211
IC9 74LVC1G08W5-7
IC7 74LVC1G08W5-7
RTS
DTR
JP4
JP5
R18 100K
R19 100K
R20 100K
R15 100K
R1 1K
R2 1K
R3 1K
C41 100 nF
C32 100 nF
C31 100 nF
C16 100 nF
C15 100 nF
C40 100 nF
C11 xx pF
C10 xx pF
G1
RESET
TXD0
RXD0
SCK1
MISO1
MOSI1
OMEGA_Z
OMEGA_X
PHI_Y
PHI_X
T1
R5 100
LED1 270 R6
GMSTBV4
MOUNT-PAD-ROUND3.0
H1
X1-4
X1-3
X1-2
X1-1
IC3 LPY430AL
SLEEP
ST
RES_GYRO
VCONT
OUTZ
4XINZ
4XOUTZ
OUTX
4XINX
4XOUTX
FILTVDD
C14 100 nF
C13 100 nF
C30 10 nF
C29 470 nF
R7 10 K
C3 100 nF
C56 C55 C54 C53 C37 C27 C20 C5 100 nF
C52 C4 100 nF
C6 100 nF
PWM1[1]
PWM1[2]
PWM1[3]
N$16
R9 4K7
R10 4K7
R11 4K7
R12 4K7
C33 4p7
C34 4p7
C35 4p7
C36 4p7
JP1
JP3
DREHRICHTUNG_POS
DREHRICHTUNG_NEG
SLEEP
ST
RES_GYRO
LENKSTANGE