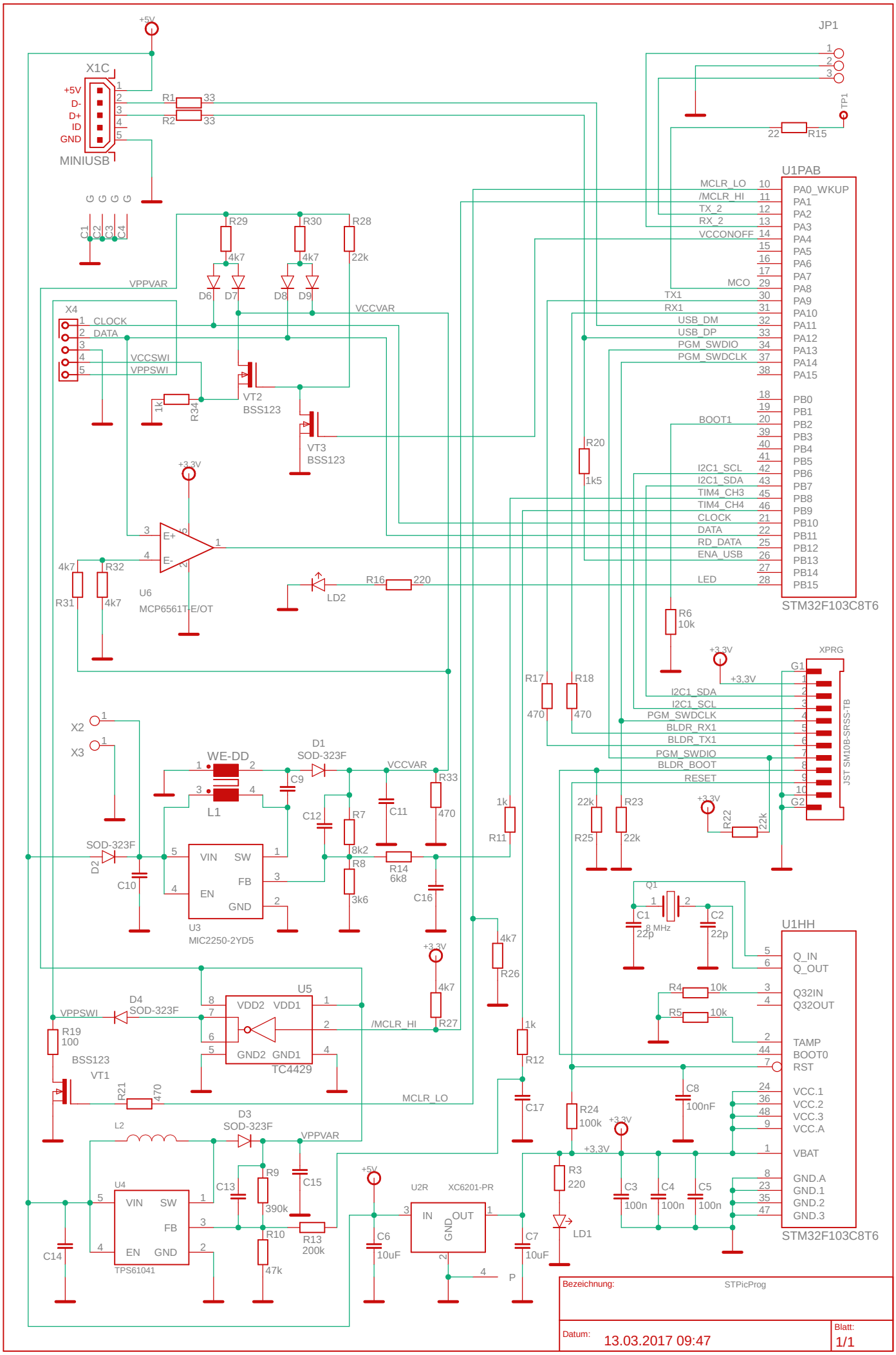
X1C
MINIUSB
+5V
D-
D+
ID
GND
R1 33
R2 33
C1 C2 C3 C4
JP1
TP1
R15 22
U1PAB
STM32F103C8T6
MCLR_LO
/MCLR_HI
TX_2
RX_2
VCCONOFF
MCO
TX1
RX1
USB_DM
USB_DP
PGM_SWDIO
PGM_SWDCLK
BOOT1
I2C1_SCL
I2C1_SDA
TIM4_CH3
TIM4_CH4
CLOCK
DATA
RD_DATA
ENA_USB
LED
PA0_WKUP
PA1
PA2
PA3
PA4
PA5
PA6
PA7
PA8
PA9
PA10
PA11
PA12
PA13
PA14
PA15
PB0
PB1
PB2
PB3
PB4
PB5
PB6
PB7
PB8
PB9
PB10
PB11
PB12
PB13
PB14
PB15
R29 4k7
R30 4k7
R28 22k
D6 D7 D8 D9
VPPVAR
VCCVAR
X4
CLOCK
DATA
VCCSWI
VPPSWI
VT2 BSS123
VT3 BSS123
R34 1k
R20 1k5
+3,3V
U6 MCP6561T-E/OT
E+
E-
R31 4k7
R32 4k7
LD2
R16 220
R6 10k
XPRG
JST SM10B-SRSS-TB
G1
G2
I2C1_SDA
I2C1_SCL
PGM_SWDCLK
BLDR_RX1
BLDR_TX1
PGM_SWDIO
BLDR_BOOT
RESET
R17 470
R18 470
R22 22k
R23 22k
R25 22k
X2
X3
WE-DD
L1
D1 SOD-323F
C9
C12
C11
R33 470
R7 8k2
R8 3k6
R14 6k8
C16
R11 1k
SOD-323F
D2
C10
U3 MIC2250-2YD5
VIN
SW
FB
EN
GND
Q1 8 MHz
C1 22p
C2 22p
U1HH
Q_IN
Q_OUT
Q32IN
Q32OUT
TAMP
BOOT0
RST
VCC.1
VCC.2
VCC.3
VCC.A
VBAT
GND.A
GND.1
GND.2
GND.3
R4 10k
R5 10k
R26 4k7
R27 4k7
U5 TC4429
VDD2
VDD1
GND2
GND1
D4 SOD-323F
VPPSWI
R19 100
BSS123 VT1
R21 470
/MCLR_HI
MCLR_LO
R12 1k
C17
C8 100nF
R24 100k
R3 220
LD1
C3 100n
C4 100n
C5 100n
L2
D3 SOD-323F
VPPVAR
U4 TPS61041
C13
R9 390k
C15
R10 47k
R13 200k
C14
U2R XC6201-PR
IN
OUT
GND
C6 10uF
C7 10uF
P
Bezeichnung:
STPicProg
Datum:
13.03.2017 09:47
Blatt:
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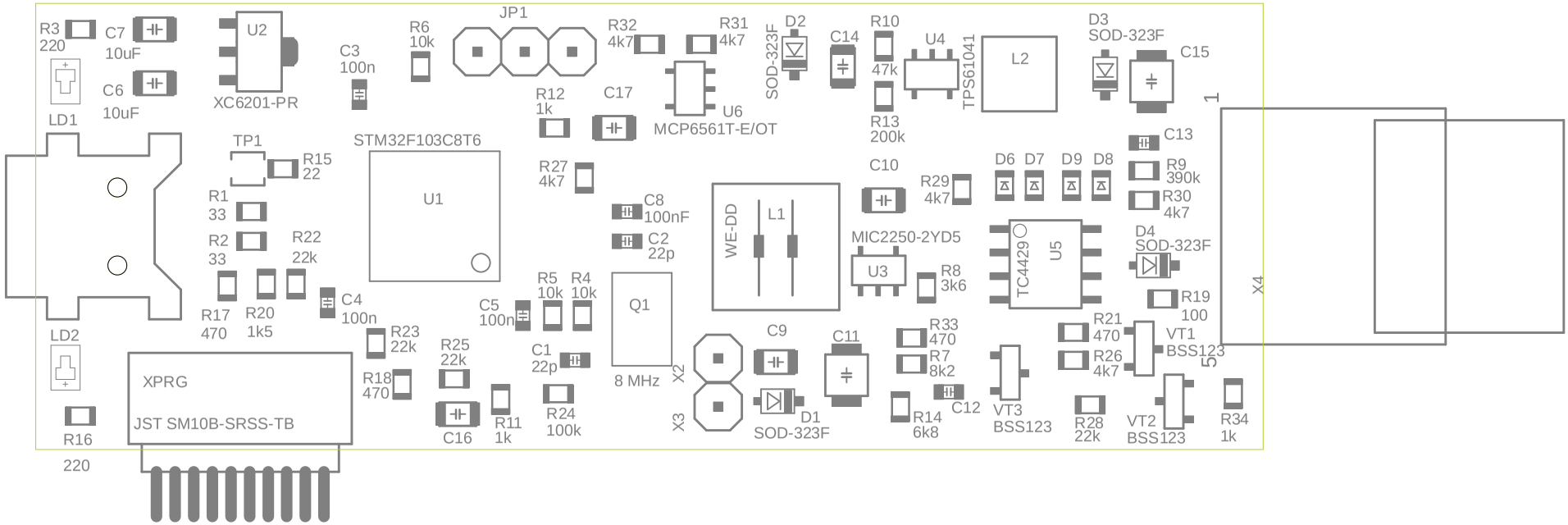
R3
220
C7
10uF
C6
10uF
U2
XC6201-PR
C3
100n
R6
10k
JP1
R32
4k7
R31
4k7
D2
SOD-323F
C14
R10
47k
U4
TPS61041
L2
D3
SOD-323F
C15
R12
1k
C17
U6
MCP6561T-E/OT
R13
200k
LD1
TP1
R15
22
STM32F103C8T6
U1
R27
4k7
C8
100nF
C2
22p
WE-DD
L1
C10
R29
4k7
D6
D7
D9
D8
C13
R9
390k
R30
4k7
R1
33
R2
33
R22
22k
MIC2250-2YD5
U3
R8
3k6
TC4429
U5
D4
SOD-323F
R19
100
X4
R17
470
R20
1k5
C4
100n
R5
10k
R4
10k
C5
100n
Q1
8 MHz
X2
X3
C9
C11
R33
470
R7
8k2
R21
470
R26
4k7
VT1
BSS123
LD2
R23
22k
R25
22k
C1
22p
R18
470
XPRG
JST SM10B-SRSS-TB
C16
R11
1k
R24
100k
D1
SOD-323F
R14
6k8
C12
VT3
BSS123
R28
22k
VT2
BSS123
R34
1k
R16
220
1
5