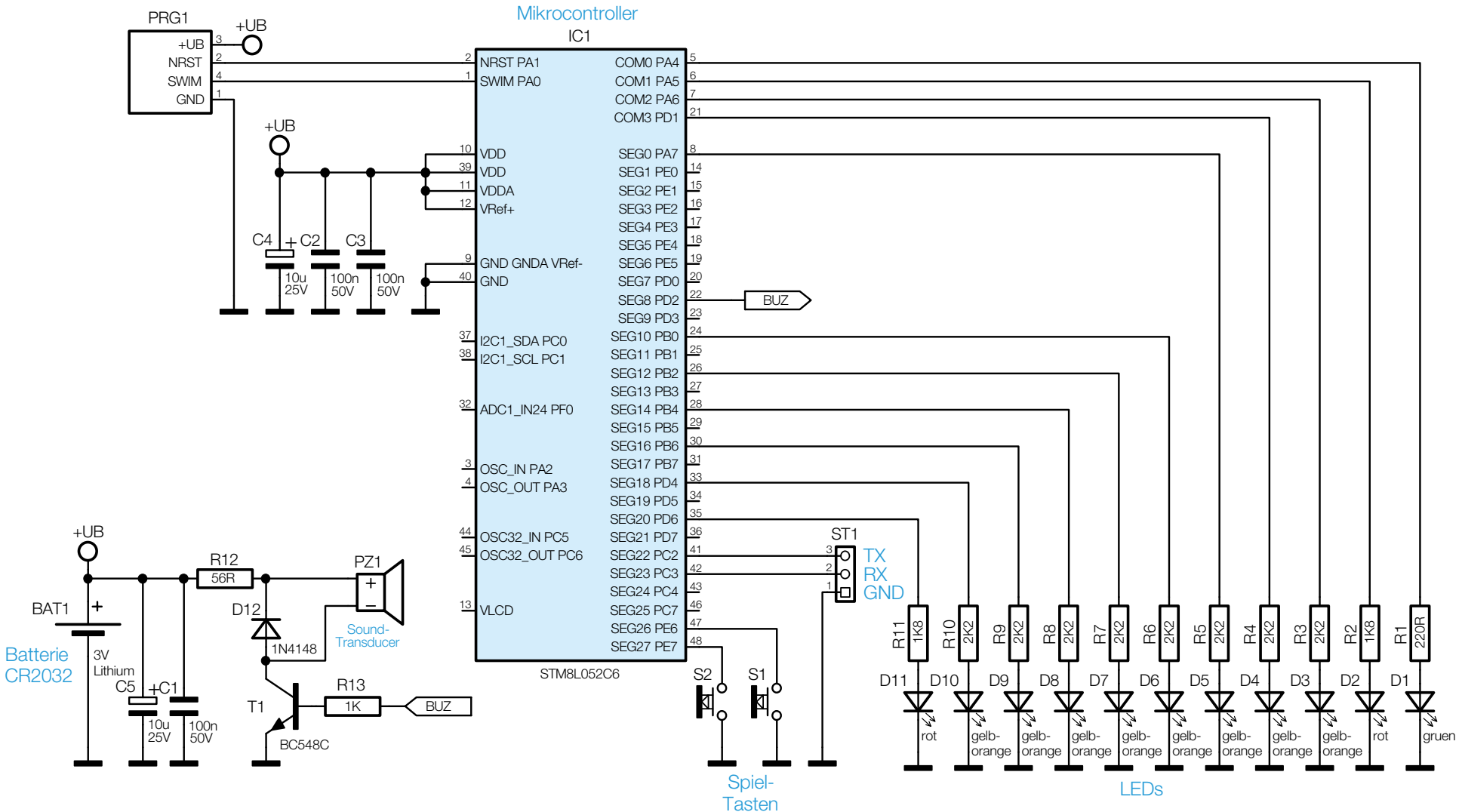
Mikrocontroller
IC1
PRG1
+UB
NRST
SWIM
GND
NRST PA1
SWIM PA0
VDD
VDD
VDDA
VRef+
GND GNDA VRef-
GND
I2C1_SDA PC0
I2C1_SCL PC1
ADC1_IN24 PF0
OSC_IN PA2
OSC_OUT PA3
OSC32_IN PC5
OSC32_OUT PC6
VLCD
COM0 PA4
COM1 PA5
COM2 PA6
COM3 PD1
SEG0 PA7
SEG1 PE0
SEG2 PE1
SEG3 PE2
SEG4 PE3
SEG5 PE4
SEG6 PE5
SEG7 PD0
SEG8 PD2
SEG9 PD3
SEG10 PB0
SEG11 PB1
SEG12 PB2
SEG13 PB3
SEG14 PB4
SEG15 PB5
SEG16 PB6
SEG17 PB7
SEG18 PD4
SEG19 PD5
SEG20 PD6
SEG21 PD7
SEG22 PC2
SEG23 PC3
SEG24 PC4
SEG25 PC7
SEG26 PE6
SEG27 PE7
STM8L052C6
BUZ
C4
C2
C3
10u 25V
100n 50V
100n 50V
BAT1
3V Lithium
Batterie CR2032
C5
C1
10u 25V
100n 50V
R12
56R
D12
1N4148
PZ1
Sound-Transducer
T1
BC548C
R13
1K
S2
S1
Spiel-Tasten
ST1
TX
RX
GND
R11 1K8
R10 2K2
R9 2K2
R8 2K2
R7 2K2
R6 2K2
R5 2K2
R4 2K2
R3 2K2
R2 1K8
R1 220R
D11 rot
D10 gelb-orange
D9 gelb-orange
D8 gelb-orange
D7 gelb-orange
D6 gelb-orange
D5 gelb-orange
D4 gelb-orange
D3 gelb-orange
D2 rot
D1 gruen
LEDs