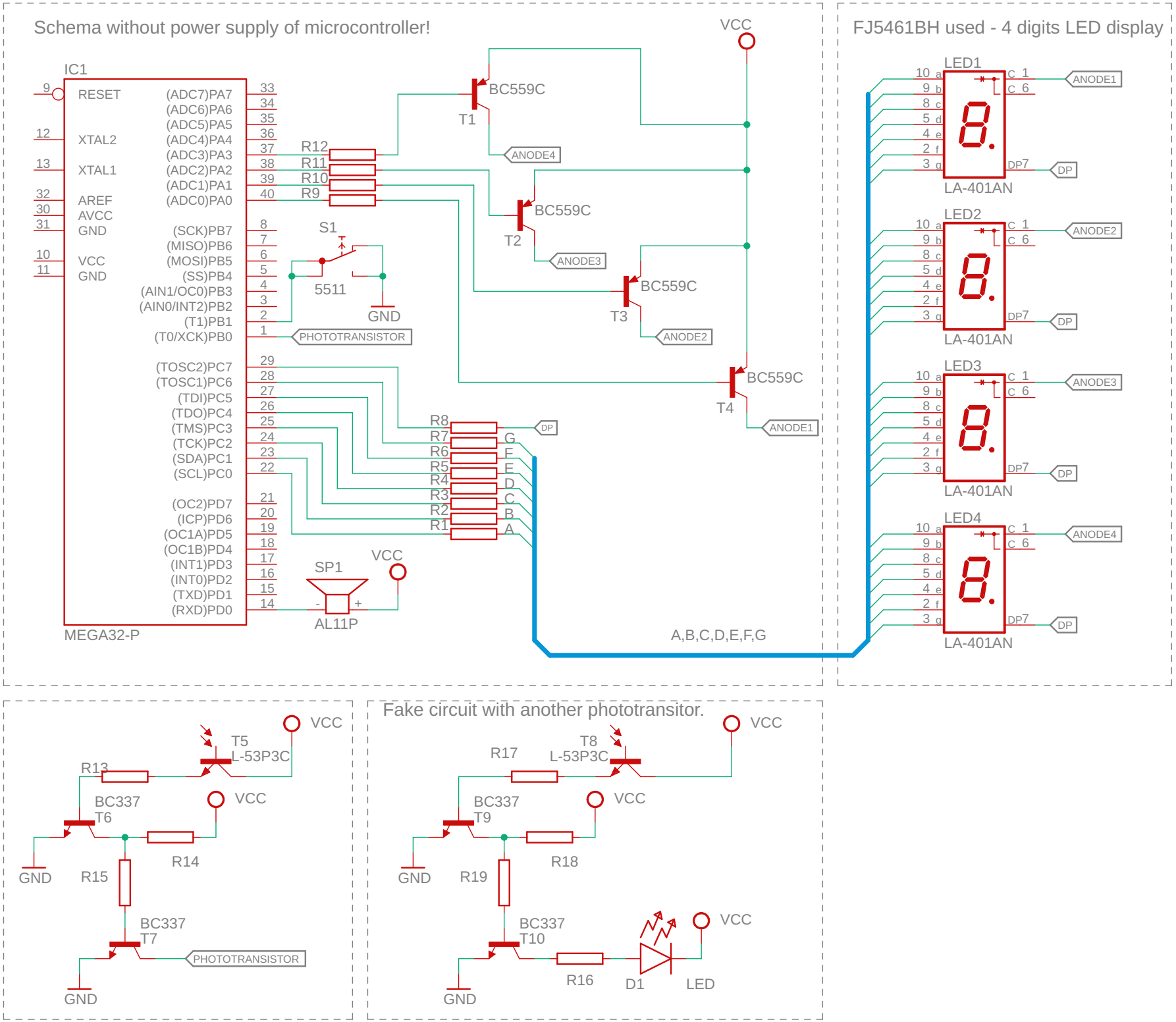
Schema without power supply of microcontroller!
IC1
MEGA32-P
RESET
XTAL2
XTAL1
AREF
AVCC
GND
VCC
GND
(ADC7)PA7
(ADC6)PA6
(ADC5)PA5
(ADC4)PA4
(ADC3)PA3
(ADC2)PA2
(ADC1)PA1
(ADC0)PA0
(SCK)PB7
(MISO)PB6
(MOSI)PB5
(SS)PB4
(AIN1/OC0)PB3
(AIN0/INT2)PB2
(T1)PB1
(T0/XCK)PB0
(TOSC2)PC7
(TOSC1)PC6
(TDI)PC5
(TDO)PC4
(TMS)PC3
(TCK)PC2
(SDA)PC1
(SCL)PC0
(OC2)PD7
(ICP)PD6
(OC1A)PD5
(OC1B)PD4
(INT1)PD3
(INT0)PD2
(TXD)PD1
(RXD)PD0
VCC
BC559C
T1
ANODE4
BC559C
T2
ANODE3
BC559C
T3
ANODE2
BC559C
T4
ANODE1
R12
R11
R10
R9
S1
5511
GND
PHOTOTRANSISTOR
R8
R7
R6
R5
R4
R3
R2
R1
DP
G
F
E
D
C
B
A
SP1
AL11P
VCC
A,B,C,D,E,F,G
FJ5461BH used - 4 digits LED display
LED1
LED2
LED3
LED4
LA-401AN
ANODE1
ANODE2
ANODE3
ANODE4
DP
Fake circuit with another phototransitor.
T5
L-53P3C
R13
BC337
T6
R14
R15
BC337
T7
PHOTOTRANSISTOR
GND
VCC
T8
L-53P3C
R17
BC337
T9
R18
R19
BC337
T10
R16
D1
LED