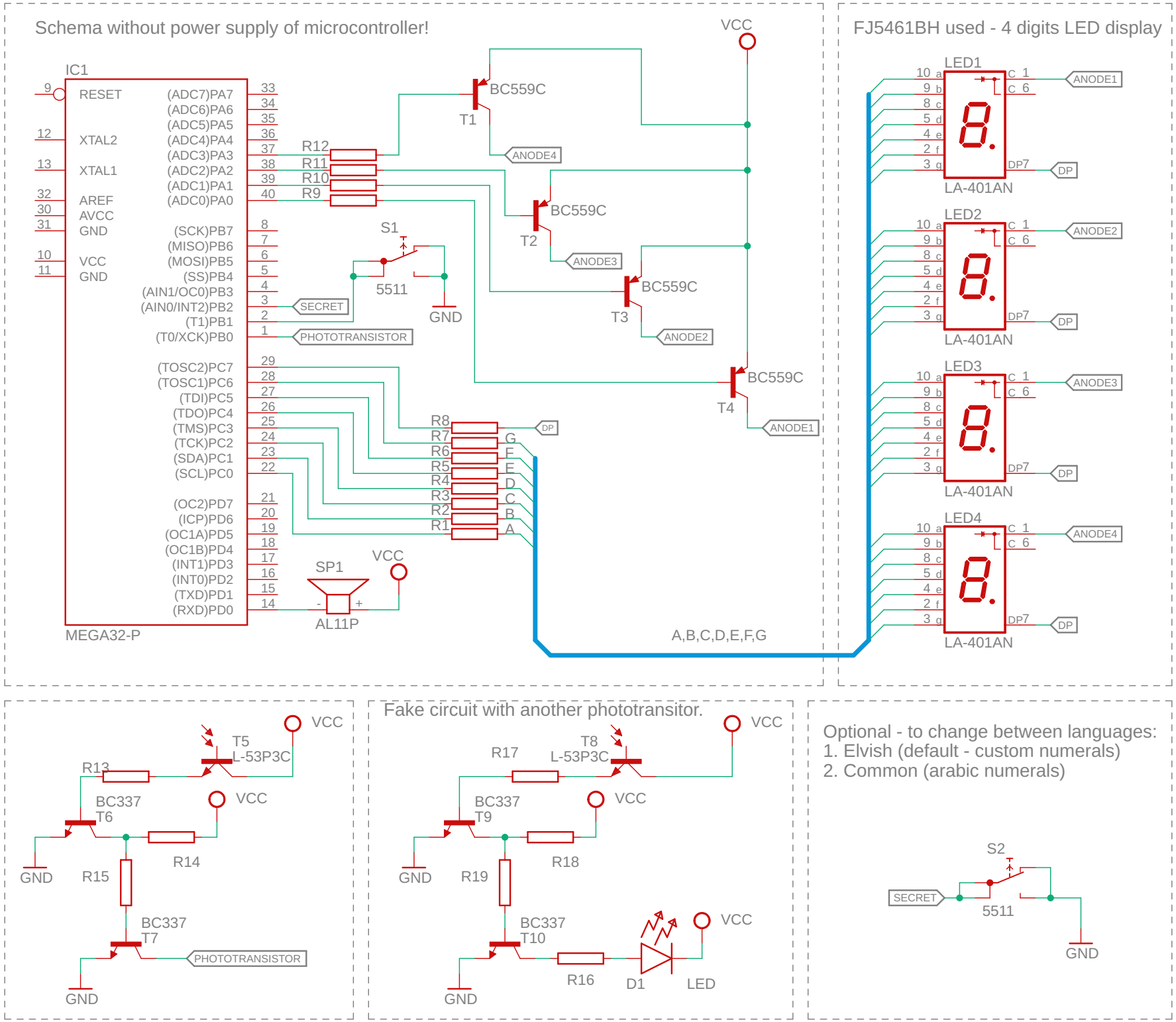
Schema without power supply of microcontroller!
IC1
MEGA32-P
RESET
XTAL2
XTAL1
AREF
AVCC
GND
VCC
GND
(ADC7)PA7
(ADC6)PA6
(ADC5)PA5
(ADC4)PA4
(ADC3)PA3
(ADC2)PA2
(ADC1)PA1
(ADC0)PA0
(SCK)PB7
(MISO)PB6
(MOSI)PB5
(SS)PB4
(AIN1/OC0)PB3
(AIN0/INT2)PB2
(T1)PB1
(T0/XCK)PB0
(TOSC2)PC7
(TOSC1)PC6
(TDI)PC5
(TDO)PC4
(TMS)PC3
(TCK)PC2
(SDA)PC1
(SCL)PC0
(OC2)PD7
(ICP)PD6
(OC1A)PD5
(OC1B)PD4
(INT1)PD3
(INT0)PD2
(TXD)PD1
(RXD)PD0
R12
R11
R10
R9
R8
R7
R6
R5
R4
R3
R2
R1
BC559C
T1
T2
T3
T4
ANODE4
ANODE3
ANODE2
ANODE1
S1
5511
SECRET
PHOTOTRANSISTOR
SP1
AL11P
DP
G
F
E
D
C
B
A
A,B,C,D,E,F,G
FJ5461BH used - 4 digits LED display
LED1
LED2
LED3
LED4
LA-401AN
DP7
Fake circuit with another phototransitor.
T5
L-53P3C
R13
BC337
T6
R14
R15
T7
T8
R17
R18
T9
R19
T10
R16
D1
LED
Optional - to change between languages:
1. Elvish (default - custom numerals)
2. Common (arabic numerals)
S2