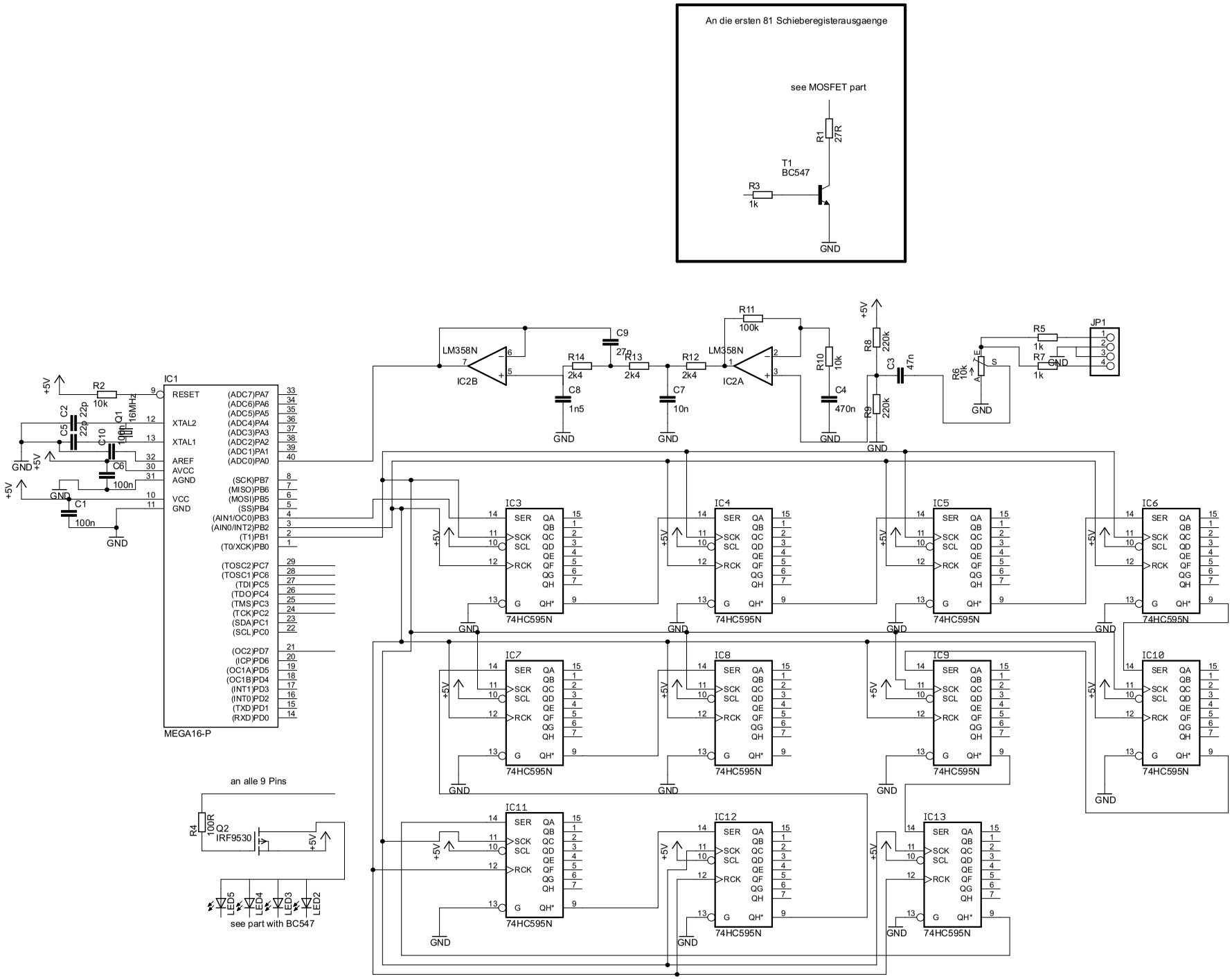
An die ersten 81 Schieberegisterausgaenge
see MOSFET part
R1
27R
T1
BC547
R3
1k
GND
IC1
MEGA16-P
RESET
XTAL2
XTAL1
AREF
AVCC
AGND
VCC
GND
(ADC7)PA7
(ADC6)PA6
(ADC5)PA5
(ADC4)PA4
(ADC3)PA3
(ADC2)PA2
(ADC1)PA1
(ADC0)PA0
(SCK)PB7
(MISO)PB6
(MOSI)PB5
(SS)PB4
(AIN1/OC0)PB3
(AIN0/INT2)PB2
(T1)PB1
(T0/XCK)PB0
(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
R2
10k
Q1
16MHz
C2
22p
C5
22p
C10
100n
C6
100n
C1
100n
LM358N
IC2B
IC2A
C9
27p
R14
2k4
R13
2k4
R12
2k4
C8
1n5
C7
10n
R11
100k
R10
10k
C4
470n
R8
220k
R9
220k
C3
47n
R6
10k
R5
1k
R7
1k
JP1
IC3
IC4
IC5
IC6
IC7
IC8
IC9
IC10
IC11
IC12
IC13
SER
SCK
SCL
RCK
G
QA
QB
QC
QD
QE
QF
QG
QH
QH*
74HC595N
+5V
an alle 9 Pins
R4
100R
Q2
IRF9530
LED5
LED4
LED3
LED2
see part with BC547