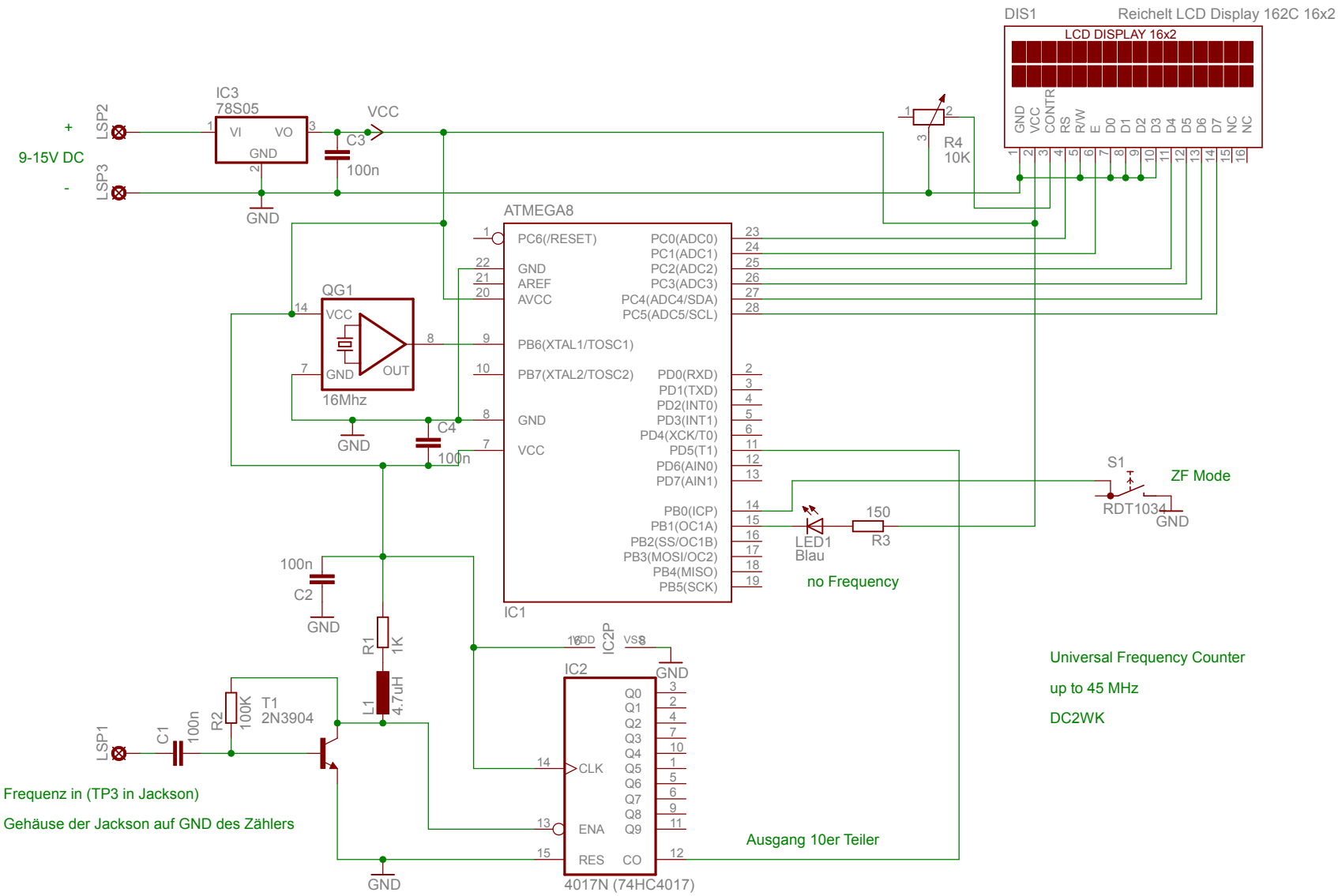
DIS1
Reichelt LCD Display 162C 16x2
LCD DISPLAY 16x2
GND VCC CONTR RS R/W E D0 D1 D2 D3 D4 D5 D6 D7 NC NC
IC3
78S05
VI VO GND
VCC
C3
100n
LSP2
LSP3
+
-
9-15V DC
GND
R4
10K
ATMEGA8
PC6(/RESET)
GND
AREF
AVCC
PB6(XTAL1/TOSC1)
PB7(XTAL2/TOSC2)
GND
VCC
PC0(ADC0)
PC1(ADC1)
PC2(ADC2)
PC3(ADC3)
PC4(ADC4/SDA)
PC5(ADC5/SCL)
PD0(RXD)
PD1(TXD)
PD2(INT0)
PD3(INT1)
PD4(XCK/T0)
PD5(T1)
PD6(AIN0)
PD7(AIN1)
PB0(ICP)
PB1(OC1A)
PB2(SS/OC1B)
PB3(MOSI/OC2)
PB4(MISO)
PB5(SCK)
IC1
QG1
VCC
GND
OUT
16Mhz
C4
100n
S1
ZF Mode
RDT1034
GND
LED1
Blau
150
R3
no Frequency
100n
C2
GND
R1
1K
L1
4.7uH
IC2P
VDD
VSS
IC2
GND
Q0 Q1 Q2 Q3 Q4 Q5 Q6 Q7 Q8 Q9
CLK
ENA
RES
CO
4017N (74HC4017)
Ausgang 10er Teiler
Universal Frequency Counter
up to 45 MHz
DC2WK
LSP1
C1
100n
R2
100K
T1
2N3904
Frequenz in (TP3 in Jackson)
Gehäuse der Jackson auf GND des Zählers
GND