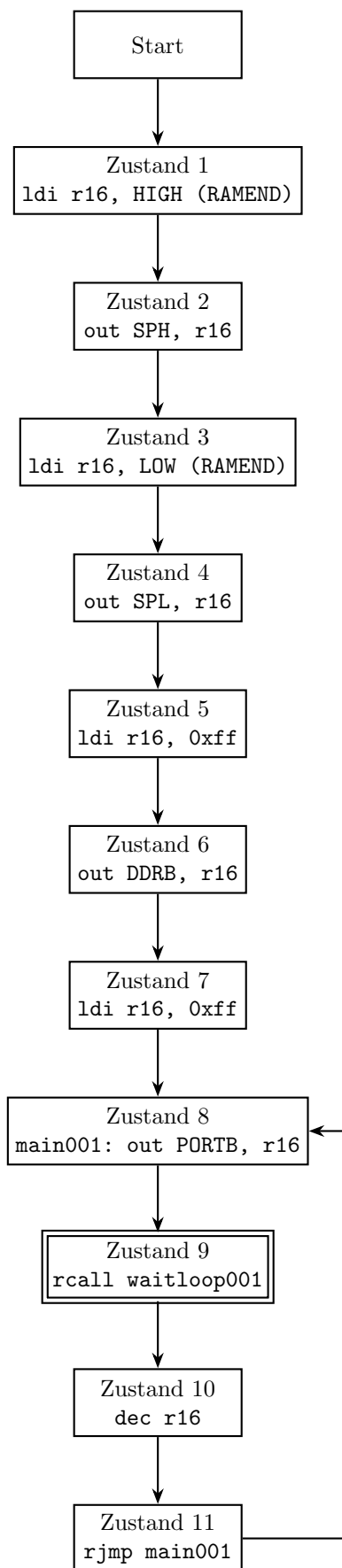
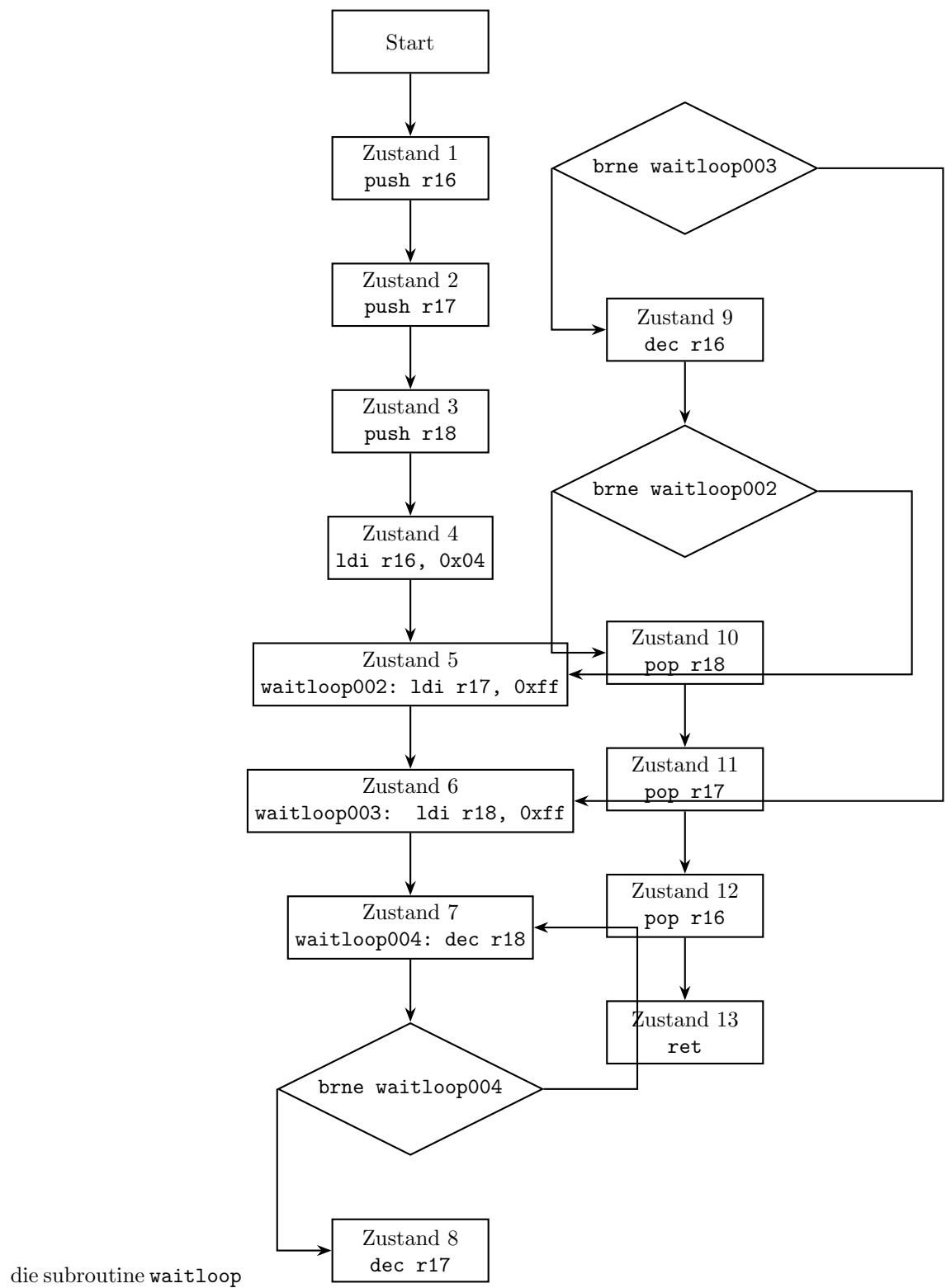


m8 wait loop led count 07/02/2026 in asm
diagramm TikZ L^AT_EX

david vajda

2. Juli 2026





```

;; david vajda
;; 07/02/2026
;; TikZ LaTeX Template m8 led count wait loop

.include "m8def.inc"

ldi r16, HIGH (RAMEND)
out SPH, r16
ldi r16, LOW (RAMEND)
out SPL, r16

ldi r16, 0xff
out DDRB, r16

ldi r16, 0xff
main001:
out PORTB, r16
rcall waitloop001
dec r16
rjmp main001

waitloop001:
push r16
push r17
push r18
ldi r16, 0x04
waitloop002:
ldi r17, 0xff
waitloop003:
ldi r18, 0xff
waitloop004:
dec r18
brne waitloop004
dec r17
brne waitloop003
dec r16
brne waitloop002
pop r18
pop r17
pop r16
ret

```