

```
.NOLIST
.INCLUDE "m16def.inc"
.LIST

.DEF     REG=R16
.EQU     LED_DIR=DDRC
.EQU     LED_DAT=PORTC

.CSEG
.ORG 0
RJMP     START
; sem skoci program pri preruseni INT0
.ORG     INT0Addr
RJMP     INT_ROUTINE

START:
LDI      REG,$FF
OUT      LED_DIR,REG
SER      REG
OUT      LED_DAT,REG
LDI      REG,LOW(RAMEND)
OUT      SPL,REG
LDI      REG,HIGH(RAMEND)
OUT      SPH,REG
; preruseni od sestupne hrany
LDI      REG,1<<ISC01
OUT      MCUCR,REG
; povoleni preruseni
LDI      REG,1<<INT0
OUT      GICR,REG
SEI

CYK:RJMP     CYK

INT_ROUTINE:
IN       REG,LED_DAT
COM      REG
OUT      LED_DAT,REG
RETI
```