

NMI Lock Without Kernal

Modification of the example given at [NMI lock](#). The NMI is locked without using kernal routines and without using RAM at \$0318/\$0319.

```
; 'Disable NMI' without using kernal and $0318/$0319 by Sokrates

sei ;; switch off interrupt
lda #$35 ;; all RAM except D000-Dfff
sta $01 ;; write to $FFFA/$FFFB now possible
lda #<nmiRoutine ;; change nmi vector to nmiRoutine
sta $FFFA
lda #>nmiRoutine
sta $FFFB
lda #$00 ;; stop Timer A
sta $DD0E
sta $DD04 ;; set Timer A to 0, after starting
sta $DD05 ;; NMI will occur immediately
lda #$81
sta $DD0D ;; set Timer A as source for NMI
lda #$01
sta $DD0E ;; start Timer A -> NMI
;; from here on NMI is disabled
...

nmiRoutine
rti ;; exit interrupt not acknowledged
```

From:

<https://codebase64.org/> - **Codebase 64 wiki**

Permanent link:

https://codebase64.org/doku.php?id=base:nmi_lock_without_kernal

Last update: **2016-10-05 12:05**

