

```

10      .TITLE      MOVE OS TO RAM
20      .OPT OBJ
30      *= $8000
40 START LDA #0
50      STA $022F
60      STA $D40E
70      STA $D20E
80      SEI          MAKE SURE NO
90      LDA #$C0     INTERRUPTS
0100    STA $C1      SET UP BANK AREA
0110    LDY #0
0120    STY $C0
0130 L3  LDA ($C0),Y GET ROM BYTE
0140    TAX
0150    LDA #$FE
0160    AND $D301
0170    STA $D301    BANK TO OS RAM
0180    TXA
0190    STA ($C0),Y STORE BYTE
0200    LDA #$01
0210    ORA $D301
0220    STA $D301    BACK TO ROM
0230    INY          GET READY NEXT
0240    CPY #0
0250    BNE L3      256 TIMES
0260 NOK INC $C1
0270    CLC
0280    LDA $C1
0290    CMP #$D0
0300    BCC T1      FROM $C0-$FF
0310    CMP #$D8    SKIP $D0-$D7
0320    BCC NOK
0330 T1  CMP #$00
0340    BNE L3
0350    CLC
0360    LDA #$FF
0370    STA $D40E
0380    LDA #$F7
0390    STA $D20E    TURN ON NMI,IRQ
0400    LDA #$22
0410    STA $022F
0420    CLI
0430    RTS
0440    .END

```