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CB7F:C6 25      241      DEC CV          ;else go up a line
CB81:4C FE CD    242      JMP VTAB        ;exit thru VTAB (update OURCV)
CB84:           243      *
CB84:           244      * EXECUTE "NORMAL VIDEO"
CB84:           245      *
CB84:           246      X.S0 EQU *
CB84:AD FB 04    247      LDA MODE          ;SET MODE BIT
CB87:10 02 CB8B  248      BPL X.S01        ;don't set mode for BASIC
CB89:29 FB       249      AND #255-M.VMODE ;SET 'NORMAL'
CB8B:A0 FF       250      X.S01 LDY #255
CB8D:D0 09 CB98  251      BNE STUFFINV      ;(ALWAYS)
CB8F:           252      *
CB8F:           253      * EXECUTE "INVERSE VIDEO"
CB8F:           254      *
CB8F:           255      X.SI EQU *
CB8F:AD FB 04    256      LDA MODE          ;SET MODE BIT
CB92:10 02 CB96  257      BPL X.SI1        ;don't set mode for BASIC
CB94:09 04       258      ORA #M.VMODE     ;SET 'INVERSE'
CB96:A0 7F       259      X.SI1 LDY #127
CB98:8D FB 04    260      STUFFINV STA MODE   ;SET MODE
CB9B:84 32       261      STY INVFLG      ;STUFF FLAG TOO
CB9D:60          262      X.USRET RTS
CB9E:           263      *
CB9E:           264      CTLADL EQU *
CB9E:0C          265      DFB #>X.CUR.ON-1 ;ENQ
CB9F:17          266      DFB #>X.CUR.OFF-1 ;ACK
CBAD:20          267      DFB #>X.BELL-1 ;BEL
CBAl:3F          268      DFB #>X.BS-1 ;BS
CBAD:00          269      DFB 0 ;HT
CBAD:00          270      DFB #>X.LF-1 ;LF
CBAD:73          271      DFB #>X.VT-1 ;VT
CBAD:8F          272      DFB #>X.FF-1 ;FF
CBAD:50          273      DFB #>X.CR-1 ;CR
CBAD:83          274      DFB #>X.SO-1 ;SO
CBAD:8E          275      DFB #>X.SI-1 ;SI
CBAD:00          276      DFB 0 ;DLE
CBAD:E9          277      DFB #>X.DC1-1 ;DC1
CBAD:FB          278      DFB #>X.DC2-1 ;DC2
CBAD:00          279      DFB 0 ;DC3
CBAD:00          280      DFB 0 ;DC4
CBAD:4C          281      DFB #>X.NAK-1 ;NAK
CBAD:D3          282      DFB #>SCROLLDN-1 ;SYN
CBAD:EA          283      DFB #>SCROLLUP-1 ;ETB
CBAD:3C          284      DFB #>MOUSEOFF-1
CBAD:5E          285      DFB #>X.EM-1 ;EM
CBAD:95          286      DFB #>X.SUB-1 ;SUB
CBAD:43          287      DFB #>MOUSEON-1
CBAD:6A          288      DFB #>X.FS-1 ;FS
CBAD:99          289      DFB #>X.GS-1 ;GS
CBAD:00          290      DFB 0 ;RS
CBAD:78          291      DFB #>X.US-1 ;US
CBAD:98          292      *
CBAD:99          293      CTLADH EQU *
CBAD:4B          294      DFB #>X.CUR.ON-$8001 ;ENQ

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CB8A:4B          295      DFB #>X.CUR.OFF-$8001 ;ACK
CB8B:CB          296      DFB #>X.BELL-1 ;BEL
CB8C:CB          297      DFB #>X.BS-1 ;BS
CB8D:00          298      DFB 0 ;HT
CB8E:CB          299      DFB #>X.LF-1 ;LF
CB8F:4C          300      DFB #>X.VT-1 ;VT
CB90:4C          301      DFB #>X.FF-1 ;FF
CB91:CB          302      DFB #>X.CR-1 ;CR
CB92:4B          303      DFB #>X.SO-1 ;SO
CB93:4B          304      DFB #>X.SI-1 ;SI
CB94:00          305      DFB 0 ;DLE
CB95:4C          306      DFB #>X.DC1-$8001 ;DC1
CB96:4C          307      DFB #>X.DC2-$8001 ;DC2
CB97:00          308      DFB 0 ;DC3
CB98:00          309      DFB 0 ;DC4
CB99:4B          310      DFB #>X.NAK-$8001 ;NAK
CB9A:4B          311      DFB #>SCROLLDN-$8001 ;SYN
CB9B:4B          312      DFB #>SCROLLUP-$8001 ;ETB
CB9C:4B          313      DFB #>MOUSEOFF-$8001
CB9D:4B          314      DFB #>X.EM-$8001 ;EM
CB9E:4B          315      DFB #>X.SUB-$8001 ;SUB
CB9F:4B          316      DFB #>MOUSEON-$8001
CBAD:4B          317      DFB #>X.FS-$8001 ;FS
CBAD:4B          318      DFB #>X.GS-$8001 ;GS
CBAD:00          319      DFB 0 ;RS
CBAD:4B          320      DFB #>X.US-$8001 ;US
CBAD:4B          28      INCLUDE SUBS2
CBAD:4B          1 *
CBAD:4B          2 * SCROLLIT scrolls the screen either up or down, depending
CBAD:4B          3 * on the value of X. It scrolls within windows with even
CBAD:4B          4 * or odd edges for both 40 and 80 columns. It can scroll
CBAD:4B          5 * windows down to 1 characters wide.
CBAD:4B          6 *
CBAD:4B          7 SCROLLDN LDY #0 ;direction = down
CBAD:F0 15 CBED  8      BEQ SCROLLIT ;=>go do scroll
CBAD:4B          9 *
CBAD:4B          10 * EXECUTE LINEFEED:
CBAD:4B          11 *
CBAD:4B          12 X.LF EQU *
CBAD:E6 25 CBDB  13      INC CV
CBAD:A5 25       14      LDA CV ;SEE IF OFF BOTTOM
CBAD:8D FB 05    15      STA OURCV
CBAD:C5 23       16      CMP WNDBTM ;OFF THE END?
CBAD:80 03 CBEB  17      BCS X.LF2 ;=>yes, scroll screen
CBAD:4C 03 CE    18      JMP VTABZ ;exit thru VTABZ
CBAD:4B          19 *
CBAD:4B          20 X.LF2 EQU *
CBAD:CE FB 05    21      DEC OURCV ;back up to bottom
CBAD:C6 25       22      DEC CV ;and fall into scroll
CBAD:4B          23 *
CBAD:AD 01       24      SCROLLUP LDY #1 ;direction = up
CBAD:8A          25      SCROLLIT TXA ;save X
CBAD:4B          26      PHA
CBAD:8C 7B 07    27      STY TEMPI ;save direction

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