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| **RAM** | |
| **Address** | **Purpose** |
| 42A0h | Used by COMX BASIC for start address of latest used command. FW uses this in certain cases to detect what type of command is being used. For example to differentiate between PRINT USB Q and A=USB Q |
| 42A1h | Used during command handling to ‘save’ R8.1. |
| 42A3h-42A6h | Subroutine call to the requested USB or DOS command. The same locations are also used by COMX BASIC for some command handling subroutine calls |
| 43F7h | Used by the F&M Screen Editor |
| 43F8h | Used by the F&M Screen Editor, 0 line editor, 1 screen editor, 2 USB BROSWER editor |
| BE80h-BEFFh | DOS buffer but also used by USB commands for the USB PC <-> COMX buffer. Also used by some USB commands (WORM, TENNIS, HIT, SPACE, MON, DMON) for storing temporary data. |
| BF42h | Current OUT 1 value (selected slot/bank) |
| BFFBh | USB PLOT Character number pointer (to DF80-DFFF) |
| BFFCh | Graphic Screen + 1 (0 = off) |
| BFFDh | Printer slot if connected |
| BFFEh | OUT 1 value (selected band/slot) at USB/DOS command entry |
| BFFFh | Last specified USB CHAR |

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| **(RAM) bank 13 & 14** | |
| **Address** | **Purpose** |
| C000h-DFFFh | Used by commands DISKCOPY and FILECOPY |

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| **(RAM) bank 15** | |
| **Address** | **Purpose** |
| C000h-D5FFh | RAM swap area, mainly used in DOS commands as well as USB GRAPH, PLOT, LINE & CIRCLE for storage of screen content |
| DB0Ah-DB0Fh | F&M Disk Monitor data storage |
| DB10h-DC3Ch | Spare |
| DC40h-DC7Fh | F&M Monitor data storage |
| DC80h-DCE0h | CTNL X and V buffer |
| DCFEh-DCFFh | Pointer to current CNTL R buffer |
| DD00h-DFFFh | CNTL R buffer |

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| **NVRAM** | | |
| **Address** | **Purpose** | **Default** |
| F3E8h | NVRAM SW area start. Start = F000h + (value << 2) | 0 = F000h |
| F3E9h | SCREEN, COLOR & CTONE  b7: not used  b6/b5: colb1/colb0  b4: not used  b3: ctone  b2-b0: background color | E0h |
| F3EAh | b7/b6: Last color shape mask  b5/b4: saved color shape mask (USB COLOR) | F0h |
| F3EBh | Printer settings (also copied to 41B0h)  b7: SHAPE flash 1 = on, 0 = off  b6: Printer CNTL characters; 1 = normal, 0 = hex  b0-b5: number of stop bits 0-63 | 42h = 2 stop bits, normal CNTL and no SHAPE flash |
| F3ECh | NVRAM initialized (A5h = initialized) |  |
| F3EDh | b6: online mode; 1 = on, 0 = off  b5: printer off on error code; 1 = yes, 0 = no  b4: printer ‘on’ state before command; 1 = on, 0 =off B0-3: Volume | 44h = online mode = on, Volume level 4 |
| F3EEh | Serial Printer settings (also copied to 41B1H/41B2H)  b6: line feed suppression; 1 = yes, 0 = no  b5: parity type; 1 = even, 0 = odd  b4: parity; 1= yes, 0 = no b2-b3: number of data bits 00=5, 10=7 or 11=8  b0-b1: Baud rate 00=1200, 01=600, 10=300, 11=110 | 0Dh = Baud rate 600, 8 data bits, No parity and no LF suppression |
| F3EFh | Serial Printer settings (also copied to 41B3h)  CR pause 0-255 | 5 = CR pause 5 |
| F3F0h | b7: Logo tune; 1 = on, 0 =off b6: 80 column auto boot ; 1 = on, 0 =off b5: Boot message; 1 = on, 0 =off b4: Line editor; 0 = on, 1 =off (copied to 43F8H) b3: Printer TV; 1 = on, 0 =off (copied to b7 41b0h) b2: Printer keyboard output; 1 = on, 0 =off b1-b0: USB CHAR set | B4h = Logo tune: on  80 column auto boot: off  Boot message: on  Screen editor: on  Printer TV: off  Printer keyboard: on  Character set: Standard COMX characters |
| F3F1h | Date separator character (-, / etc) | 2Fh = / |
| F3F2h | Date format xx (xx/yy/zz)  FCH = day, FDH = month, FEH = year | FCh = day |
| F3F3h | Date format yy (xx/yy/zz)  FCH = day, FDH = month, FEH = year | FDh = month |
| F3F4h | Date format zz (xx/yy/zz)  FCH = day, FDH = month, FEH = year | FEh = year |
| F3F5h | Time format; 12h (12 hour) or 24h (24 hour) | 24h = 24 hour |
| F3F6h | NVRAM check field, used by SB FW to check is NVRAM is available |  |
| F3F7h | Clock display;  1 = on when COMX is not ’running’ any program  2 = always on  0 = off b8: 1 when RUN / CALL or USR is ‘running’ | 0 = clock display off |
| F3F8h-F3FFh | RTC |  |