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

(RAM) bank 13 & 14

Address	Purpose
C000h-DFFFh	Used by commands DISKCOPY and FILECOPY

(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

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	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

	b1-b0: USB CHAR set	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	