



Tech Info Library

Applesoft: Internals--Page Zero Memory Map (1 of 2)

00-02	START	Initialize low RAM memory
03-05	RDYJSR	Jumps to STROUT
06,07	ADRAYI	Address of AYINT subroutine
08,09	ADRGAY	Address of GIVAYF subroutine
0A-0C	USRPOK	Vector for USR() function
0D	CHARAC	String delimiter
0E	ENDCHR	String delimiter
0F	COUNT	General purpose counter
10	DIMFLG	Flag to permit arrays
11	VALTYP	Variable type indicator. 0=numeric, 1=string
12	INTFLG	Variable type indicator. 1=integer, 0=real
13	GARBFL	Flag to signal the need for garbage collection
14	SUBFLG	Flag to permit array variables.
15	INPFLG	Determines if this is INPUT or READ
16	TANSGN	Used for the sign during TAN() function
1A,1B	SHAPE	High-Res shape pointer
1C	HCOLOR1	High-Res running color mask
1D	COUNTH	High-Res counter
26,27	HBAS	High-Res base address pointer
2C	H2	
2D	V2	
45	ERROV	
50,51	LINNUM	16 bit integer work area
53,54	LASTPT	Pointer to last used string temporary
55-5D	TEMPST	Temporary string descriptor storage area
5E,5F	INDEX	General purpose index
60,61	INDEX2	General purpose index
62-66	RES	Multiply or divide result (HO,MOH,MO,LO)
67,68	TEXTAB	Pointer to start of the program text
69,6A	VARTAB	Pointer to start of simple variable space
6B,6C	ARYTAB	Pointer to start of array variable space
6D,6E	STREND	Pointer to end of storage in use
6F,70	FRETOP	Pointer to top of string free space
71,72	FRESPC	Pointer to new string
73,74	MEMSIZ	Pointer to top of memory
75,76	CURLIN	Current line number
77,78	OLDLIN	Old line number, set up by ctrl-C, STOP, or END
79,7A	OLDTXT	Old text pointer
7B,7C	DATLIN	Line number where data for next READ comes from
7D,7E	DATPTR	Pointer to data for next READ
7F,80	INPPTR	Pointer to where input is coming from
81,82	VARNAM	Storage area for a variable's name

83,84	VARPNT	Pointer to a variable in memory
85,86	FORPNT	Variable pointer for FOR and LET
87,88	OPPTR	Pointer to current formula operation in OPTAB
89	OPMASK	Mask created by current operator
8A,8B	DEFPNT	Pointer used in function definition
8C,8D	DSCPNT	Pointer to a string descriptor
8E	TEMPF3	Temporary pointer
8F	FOUR6	Constant for garbage collection
90-92	JMPER	Internal vector
93	TEMPF1	Temporary pointer
94,95	ARRYPT	Pointer into an array
94,95	HIGHDS	Destination of highest element in BLT.
96,97	HIGHTR	Source of highest element to move in BLT.
98	TEMPF2	
99,9A	LOWDS	Location of last byte transferred into in BLT.
9B,9C	LOWTR	Last thing to move in BLT. See BLTU.
9D-9F	DSCTMP	Temporary string descriptor
9D-A2	FAC	Floating point accumulator. (EXP,HO,MOH,MO,LO,SGN)

Apple Tech Notes

Keywords: <None>

=====
This information is from the Apple Technical Information Library.

19960215 11:05:19.00

Tech Info Library Article Number: 92