

Macintosh 128K ROM Globals List
Address Sort

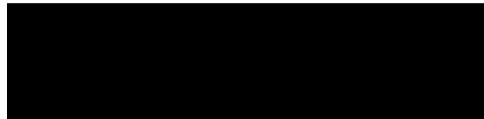
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Professional Software Methods
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This list is a compilation of global addresses in a Macintosh system running under 128K ROMs. The addresses were obtained from Inside Macintosh, MDS 2.0 and my own research. All global names are assigned by Apple Computer, except where an asterisk precedes it.

NOTE: Some addresses are from the Apple Private Equate tables in MDS 2.0, and therefore their validity cannot be guaranteed.

This set of globals is shareware. It is not to be sold in part or as a whole. It is not to be used as collateral in software trades. However, if it is of real use to you and you would like to get updated lists when they are available, you may send \$5.00 to:

Chuck Lukaszewski



In addition to sending you the latest version of the list, I will also send you an electronic copy if you enclose a diskette. Included will be the two MacWrite files containing all of the data.

I keep these lists current and use them daily in my own work, but their use by you in your programming must be on an 'at-your-own-risk' basis.

Abbreviations used in Description column:

CMGR	Control Manager
DMGR	Dialog Manager
FMGR	Font Manager
HW	Hardware
IWM	Integrated Woz Machine
MBUG	MicroBug
MMGR	Menu Manager
NUB	Nub for MacDB
PRAM	Parameter RAM
SCC	Serial Communications Controller
TEDIT	TextEdit
TFS	Same as HFS
VBL	Vertical Blanking
VCB	Volume Control Block
VIA	Versatile Interface Adapter
WMGR	Window Manager

Name	Address	Description
Line1010	\$00000028	1010 emulator trap [system routines]
Line1111	\$0000002C	1111 emulator trap [reserved]
FmtErrVect	\$00000038	format error vector for 68010/68020
AutoInt1	\$00000064	level 1 auto-vector
AutoInt2	\$00000068	level 2 auto-vector
AutoInt3	\$0000006C	level 3 auto-vector
AutoInt4	\$00000070	level 4 auto-vector
AutoInt5	\$00000074	level 5 auto-vector
AutoInt6	\$00000078	level 6 auto-vector
AutoInt7	\$0000007C	level 7 auto-vector
MonkeyLives	\$00000100	monkey lives if >= 0 [word]
SysCom	\$00000100	start of system communication area
ScrVRes	\$00000102	screen vertical dots/inch [word]
ScrHRes	\$00000104	screen horizontal dots/inch [word]
ScreenRow	\$00000106	rowBytes of screen [word]
MemTop	\$00000108	top of memory [pointer]
BufPtr	\$0000010C	top of application memory [pointer]
StkLowPt	\$00000110	Lowest stack as measured in UBL task [pointer]
HeapEnd	\$00000114	end of heap [pointer]
TheZone	\$00000118	current heap zone [pointer]
UTableBase	\$0000011C	unit I/O table [pointer]
MacJump	\$00000120	MACSBUG jumtable [pointer]
DskRtnAdr	\$00000124	temp for disk driver [pointer]
PollRtnAddr	\$00000128	'other' driver locals [pointer]
DskVerify	\$0000012C	used by 3.5 disk driver for read/verify [byte]
LoadTrap	\$0000012D	trap before launch? [byte]
MmInOK	\$0000012E	initial memory mgr checks ok? [byte]
CPUFlag	\$0000012F	\$00=68000, \$01=68010, \$02=68020
AppLimit	\$00000130	application limit [pointer]
SonyVars	\$00000134	3-1/2 disk driver vars [pointer]
PWMValue	\$00000138	current PWM value [word]
PollStack	\$0000013A	SCC poll data start stack location [pointer]
PollProc	\$0000013E	SCC poll data procedure [pointer]
DskErr	\$00000142	disk routine result code [word]
SysEvtMask	\$00000144	system event mask [word]
SysEvtBuf	\$00000146	system event queue element buffer [pointer]
EventQueue	\$0000014A	event queue header [10 bytes]
EvtBufCnt	\$00000154	max number of events in SysEvtBuf - 1 [word]
RndSeed	\$00000156	random seed/number [long]
SysVersion	\$0000015A	version # of RAM-based system [word]
SEvtEnb	\$0000015C	enable SysEvent calls from GNE [byte]
DSWndUpdate	\$0000015D	GNE not to paintBehind DS AlertRect? [byte]
FontFlag	\$0000015E	font manager loop flag [byte]
IntFlag	\$0000015F	reduce interrupt disable time when bit 7 = 0
UBLQueue	\$00000160	UBL queue header [10 bytes]
Ticks	\$0000016A	Tick count, time since boot [long]
MBTicks	\$0000016E	tick count @ last mouse button [long]
MBState	\$00000172	current mouse button state [byte]
sndBufWLen	\$00000172	sound/disk buffer word length
Ticks	\$00000173	Lisa sub-tick count [byte]
KeyMap	\$00000174	bitmap of the keyboard [2 longs]
KeypadMap	\$0000017C	bitmap for numeric pad-18bits [long]
KeyLast	\$00000184	ASCII for last valid keycode [word]
KeyTime	\$00000186	tickcount when KEYLAST was rec'd [long]
KeyRepTime	\$0000018A	tickcount when key was last repeated [long]
KeyThresh	\$0000018E	PRAM/threshold for key repeat [word]
KeyRepThresh	\$00000190	PRAM/key repeat speed [word]
HLvl1DT	\$00000192	Interrupt level 1 dispatch table [32 bytes]

Name	Address	Description
=====	=====	=====
Lvl1DT	\$00000192	Level-1 secondary interrupt vector table [32 bytes]
Lvl2DT	\$000001B2	Interrupt level 2 dispatch table [32 bytes]
UnitNtryCnt	\$000001D2	count of entries in unit table [word]
VIA	\$000001D4	VIA base address [pointer]
SCCRd	\$000001D8	SCC base read address [pointer]
SCCWrt	\$000001DC	SCC base write address [pointer]
IWM	\$000001E0	IWM base address [pointer]
GetParam	\$000001E4	system parameter scratch [20 bytes]
scratch20	\$000001E4	scratch [20 bytes]
SPValid	\$000001F8	validation field [\$A7] [byte]
SysParam	\$000001F8	system parameter memory [20 bytes]
SPATalkA	\$000001F9	AppleTalk node number hint for port A
BSPATalkB	\$000001FA	AppleTalk node number hint for port B
SPConfig	\$000001FB	PRAM/config bits: 4-7 A, 0-3 B [see use type below]
SPPortA	\$000001FC	PRAM/SCC port A configuration [word]
SPPortB	\$000001FE	PRAM/SCC port B configuration [word]
SPAlarm	\$00000200	alarm time [long]
SPFont	\$00000204	default application font number minus 1 [word]
SPKbd	\$00000206	kbd repeat thresh in 4/60ths [2 4-bit]
SPPrint	\$00000207	print stuff [byte]
SPVolCtl	\$00000208	volume control [byte]
SPClickCaret	\$00000209	double click/caret time in 4/60ths [2 4-bit]
SPMisc1	\$0000020A	miscellaneous [1 byte]
SPMisc2	\$0000020B	miscellaneous [1 byte]
Time	\$0000020C	clock time [extrapolated] [long]
BootDrive	\$00000210	drive number of boot drive [word]
JShell	\$00000212	journaling shell state [wprd]
SFSaveDisk	\$00000214	last vRefNum seen by standard file [word]
KbdVars	\$00000216	Keyboard manager variables [4 bytes]
JKybdTask	\$0000021A	keyboard UBL task hook [pointer]
KbdType	\$0000021E	keyboard model number [byte]
AlarmState	\$0000021F	Bit7=parity, Bit6=beeped, Bit0=enable [byte]
MemErr	\$00000220	last memory manager error [word]
DiskVars	\$00000222	Disk driver variables [62 bytes]
FlEvtMask	\$0000025E	mask allowed events to flush at FlushEvents [word]
SdVolume	\$00000260	PRAM/Global volume[sound] control [byte]
SdEnable	\$00000261	Sound enabled? [byte]
SoundPtr	\$00000262	4VE sound definition table [pointer]
SoundVars	\$00000262	Sound driver variables [32 bytes]
SoundBase	\$00000266	sound bitMap [pointer]
SoundUBL	\$0000026A	vertical retrace control element [16 bytes]
SoundDCE	\$0000027A	sound driver DCE [pointer]
SoundActive	\$0000027E	sound is active? [byte]
SoundLevel	\$0000027F	current level in buffer [byte]
CurPitch	\$00000280	current pitch value [word]
SwitcherTPtr	\$00000286	Switcher's switch table
ROM85	\$0000028E	act high bit - 0 for ROM vers \$75 and later [word]
PortAUse	\$00000290	bit 7: 1 = not in use, 0 = in use
PortBUse	\$00000291	port B use, same format as PortAUse
ScreenVars	\$00000292	Screen driver variables [8 bytes]
JGNEFilter	\$0000029A	GetNextEvent filter proc [pointer]
Key1Trans	\$0000029E	keyboard translator procedure [pointer]
Key2Trans	\$000002A2	numeric keypad translator procedure [pointer]
SysZone	\$000002A6	system heap zone [pointer]
AppZone	\$000002AA	application heap zone [pointer]
ROMBase	\$000002AE	ROM base address [pointer]
RAMBase	\$000002B2	RAM base address [pointer]
DSAlertTab	\$000002BA	system error alerts [pointer]

Name	Address	Description
=====	=====	=====
ExtStsDT	\$000002BE	SCC ext/sts secondary dispatch table [16 bytes]
SCCAsTs	\$000002CE	SCC read reg 0 last ext/sts rupt - A [byte]
SCCBSts	\$000002CF	SCC read reg 0 last ext/sts rupt - B [byte]
SerialVars	\$000002D0	async driver variables [16 bytes]
AbusVars	\$000002D8	AppleTalk/Pointer to the local variables
AbusDCE	\$000002DC	AppleTalk/Pointer to the DCE
FinderName	\$000002E0	"Finder" name [STRING[15]]
DoubleTime	\$000002F0	PRAM/double click ticks [long]
CaretTime	\$000002F4	PRAM/caret blink ticks [long]
ScrDmpEnb	\$000002F8	screen dump enabled? [byte]
ScrDmpType	\$000002F9	FF dumps screen, FE dumps front window [byte]
TagData	\$000002FA	sector tag info for disk drivers [14 bytes]
BufTgFNum	\$000002FC	file number [long]
PWM2MemTop	\$000002FF	PWMBuffer to MemTop
BufTgFFlg	\$00000300	flags [word]
Snd2MemTop	\$00000300	SoundLow to Memtop
BufTgFBkNum	\$00000302	logical block number [word]
BufTgDate	\$00000304	time stamp [word]
DrvQHdr	\$00000308	queue header of drives in system [10 bytes]
PWMBuf2	\$00000312	PWM buffer 1 [or 2 if sound] [pointer]
HpChk	\$00000316	heap check RAM code [pointer]
Lo3Bytes	\$0000031A	constant \$00FFFFFF [long]
MaskBC	\$0000031A	Memory Manager Byte Count Mask [long]
MaskHandle	\$0000031A	Memory Manager Handle Mask [long]
MaskPtr	\$0000031A	Memory Manager Pointer Mask [long]
MinStack	\$0000031E	min stack size used in InitApplZone [long]
DefltStack	\$00000322	default size of stack [long]
MMDefFlags	\$00000326	default zone flags [word]
GZRootHnd	\$00000328	root handle for GrowZone [handle]
GZRootPtr	\$0000032C	root pointer for GrowZone [pointer]
GZMoveHnd	\$00000330	moving handle for GrowZone [handle]
DSDrawProc	\$00000334	alternate syserror draw procedure [pointer]
EjectNotify	\$00000338	eject notify procedure [pointer]
IAZNotify	\$0000033C	world swaps notify procedure [pointer]
CkdDB	\$00000340	used when searching the directory [2]
CurDB	\$00000340	current directory block
FileVars	\$00000340	file system vars [184 bytes]
FSCallAsync	\$00000342	ONE BYTE FREE
NxtDB	\$00000342	
MaxDB	\$00000344	
FlushOnly	\$00000346	flag used by UnMountVol, FlushVol [1]
RegRsrc	\$00000347	flag used by OpenRF, FileOpen [1]
FLckUnlck	\$00000348	flag used by SetFillLock, RstFillLock [1]
FreSync	\$00000349	when set, all fs calls are sync'd [1]
NewMount	\$0000034A	used by MountVol to flag new mounts [1]
NoEject	\$0000034B	used by Eject and Offline
DrMstrBlk	\$0000034C	master directory block in a volume
FCBSPtr	\$0000034E	ptr to FCBs
DefUCBPtr	\$00000352	pointer to default UCB
UCBQHdr	\$00000356	UCB queue header
FSBusy	\$00000360	non-zero when the file system is busy
FSQHdr	\$00000360	file system queue header [10 bytes]
FSQHead	\$00000362	ptr to 1st queued cmd: 0 when queue empty
FSQTail	\$00000366	ptr to last queue element
HFSStkTop	\$0000036A	Temporary location of pointer to top of Stack
HFSVars	\$0000036A	Start of TFS vars in RAM vers [previously RgSvArea]
RgSvArea	\$0000036A	reg save during async calls.
HFSStkPtr	\$0000036E	Temporary location of TFS Stack pointer

Name	Address	Description
=====	=====	=====
WDCBsPtr	\$00000372	Working Directory queue header
HFSFlags	\$00000376	Internal TFS flags
CacheFlag	\$00000377	cache usage count now used as cache flag
SysCRefCnt	\$00000377	Usage count byte for system caches [number of vols]
SysBMCPtr	\$00000378	System-wide bitmap cache pointer
SysVolCPtr	\$0000037C	System-wide volume cache pointer
SysCtlCPtr	\$00000380	System-wide control cache pointer
DefVRefNum	\$00000384	Default volume's VRefNum [COULD BE WRefNum!]
PMSPPtr	\$00000386	Pointer to list of directories on PMSP
HFSTagData	\$0000038A	Room for additional HFS tag data
HFSDErr	\$00000392	Final gasp - error that caused IOErr.
CacheVars	\$00000394	
HFSVarEnd	\$00000394	End of HFS variable area
CurDirStore	\$00000398	save dir across calls to Standard File [long]
CacheCom	\$0000039C	
FmtDefaults	\$0000039E	ptr to formatting defs [TFSVars + 52] [long]
ErrCode	\$000003A2	use this loc to report errors during async routines
Params	\$000003A4	50 bytes long. For I/O parameter blocks.
FSTemp8	\$000003D6	used by rename
FSIOErr	\$000003DE	last I/O error [NEXT WORD FREE]
FSTemp4	\$000003DE	used by rename, ckfilmod
FSQueueHook	\$000003E2	hook to capture all FS calls
ExtFSHook	\$000003E6	command done hook
DskSwchHook	\$000003EA	hook for disk-switch dialog
ReqstVol	\$000003EE	ptr to UCB of off-line or ext fs volume
toExtFS	\$000003F2	hook for external file systems
FSFCBLen	\$000003F6	HFS present flag / FCB size [-1 in old ROM]
FSVarEnd	\$000003F6	end of file system variables
DSAlertRect	\$000003F8	rectangle for disk-switch alert [8 bytes]
DispatchTab	\$00000400	A-Trap dispatch table [1024 bytes]
OSTable	\$00000400	256 longs to \$800, where old table of 512 words was
JBBlockMove	\$000004B8	Special equate for OUR HeapGuts Jump Table
JHideCursor	\$00000800	QuickDraw Glue Vector
JShowCursor	\$00000804	QuickDraw Glue Vector
JShieldCursor	\$00000808	QuickDraw Glue Vector
JScrnAddr	\$0000080C	QuickDraw Glue Vector
JScrnSize	\$00000810	QuickDraw Glue Vector
JInitCrsr	\$00000814	QuickDraw Glue Vector
JSetCrsr	\$00000818	QuickDraw Glue Vector
JCrsrObscure	\$0000081C	QuickDraw Glue Vector
JUpdateProc	\$00000820	QuickDraw Glue Vector
LGrafJump	\$00000824	QuickDraw Glue Vector
ScrnBase	\$00000824	Screen Base [pointer]
MTemp	\$00000828	Low-level interrupt mouse location [long]
RawMouse	\$0000082C	un-jerked mouse coordinates [long]
Mouse	\$00000830	processed mouse coordinate [long]
CrsrPin	\$00000834	cursor pinning rectangle [8 bytes]
CrsrRect	\$0000083C	Cursor hit rectangle [8 bytes]
TheCrsr	\$00000844	Cursor data, mask & hotspot [68 bytes]
CrsrAddr	\$00000888	Address of data under cursor [long]
CrsrSave	\$0000088C	data under the cursor [64 bytes]
CrsrVis	\$000008CC	Cursor visible? [byte]
CrsrBusy	\$000008CD	Cursor locked out? [byte]
CrsrNew	\$000008CE	Cursor changed? [byte]
CrsrCouple	\$000008CF	cursor coupled to mouse? [byte]
CrsrState	\$000008D0	Cursor nesting level [word]
CrsrObscure	\$000008D2	Cursor obscure semaphore [byte]

Name	Address	Description
=====	=====	=====
CrsrScale	\$000008D3	cursor scaled? [byte]
MouseMask	\$000008D6	U-H mask for ANDing with mouse [long]
MouseOffset	\$000008DA	U-H offset for adding after ANDing [long]
JournalFlag	\$000008DE	journaling state [word]
JSwapFont	\$000008E0	jump entry for FMSwapFont [long]
JFontInfo	\$000008E4	jump entry for FMFontMetrics [long]
WidthListHand	\$000008E4	list of extra width tables, or nil.
JournalRef	\$000008E8	Journalling driver's refnum [word]
CrsrThresh	\$000008EC	delta threshold for mouse scaling [word]
JCrsrTask	\$000008EE	address of CrsrVBLTask [long]
WExist	\$000008F2	window manager initialized? [byte]
QDExist	\$000008F3	quickdraw is initialized [byte]
JFetch	\$000008F4	fetch a byte routine for drivers [pointer]
JStash	\$000008F8	stash a byte routine for drivers [pointer]
IODone	\$000008FC	IODone entry location [pointer]
CurApRefNum	\$00000900	refNum of application's resFile [word]
LoadVars	\$00000900	loader variables [68 bytes]
LaunchFlag	\$00000902	from launch or chain [byte]
CurrentA5	\$00000904	current value of A5 [pointer]
CurStackBase	\$00000908	current stack base [pointer]
CurAppName	\$00000910	name of application [STRING[31]]
SaveSegHandle	\$00000930	seg 0 handle [handle]
CurJTOffset	\$00000934	current jump table offset [word]
CurPageOption	\$00000936	current page 2 configuration [word]
LoaderPBlock	\$0000093A	param block for ExitToShell [10 bytes]
LastLGlobal	\$00000944	address past last loader global
PrintErr	\$00000944	print error global location
ChooserBits	\$00000946	bit 7 = 0, don't runbit 6 = 0, gray out Appletalk
CoreEditVars	\$00000954	core edit variables [12 bytes]
LastPGlobal	\$00000954	address of last printer global
ScrapInfo	\$00000960	scrap length [long]
ScrapSize	\$00000960	scrap length [long]
ScrapVars	\$00000960	scrap manager variables [32 bytes]
ScrapHandle	\$00000964	memory scrap [handle]
ScrapCount	\$00000968	validation byte [word]
ScrapState	\$0000096A	scrap state [word]
ScrapName	\$0000096C	pointer to scrap name [pointer]
ScrapTag	\$00000970	scrap file name [STRING[15]]
RomFont0	\$00000980	system font [handle]
ScrapEnd	\$00000980	end of scrap vars
ApFontID	\$00000984	resource ID of application font [word]
GotStrike	\$00000986	Do we have the strike? [byte]
FMDefaultSize	\$00000987	default size [byte]
CurFMFamily	\$00000988	current font family
CurFMInput	\$00000988	quickdraw FMInput Record [pointer]
CurFMSize	\$0000098A	current font size
CurFMFace	\$0000098C	current font face
CurFMNeedBits	\$0000098D	boolean specifying whether it needs strike
CurFMDevice	\$0000098E	current font device
CurFMDenom	\$00000990	current numerator of scale factor
CurFMDenom	\$00000994	current denominator of scale factor
FMgrOutRec	\$00000998	quickdraw FontOutput Record [pointer]
FOutRec	\$00000998	Font Manager output record
FOutError	\$00000998	FMGR/error code
FOutFontHandle	\$0000099A	FMGR/handle to font bits
FOutBold	\$0000099E	FMGR/bolding factor
FOutItalic	\$0000099F	FMGR/italic factor
FOutULOffset	\$000009A0	FMGR/underline offset

Name	Address	Description
=====	=====	=====
FOutULShadow	\$000009A1	FMGR/underline halo
FOutULThick	\$000009A2	FMGR/underline thickness
FOutShadow	\$000009A3	FMGR/shadow factor
FOutExtra	\$000009A4	FMGR/extra horizontal width
FOutAscent	\$000009A5	FMGR/height above baseline
FOutDescent	\$000009A6	FMGR/height below baseline
FOutWidMax	\$000009A7	FMGR/maximum width of character
FOutLeading	\$000009A8	FMGR/space between lines
FOutUnused	\$000009A9	FMGR/unused byte [must have even number]
FOutNumer	\$000009AA	FMGR/point for numerators of scale factor
FOutDenom	\$000009AE	FMGR/point for denominators of scale factor
FMDotsPerInch	\$000009B2	h,v dotsPerInch of current device
FMStyleTab	\$000009B6	style heuristic table supplied by device
ToolScratch	\$000009CE	scratch area [8 bytes]
WindowList	\$000009D6	WMGR/Z-ordered linked list of windows [pointer]
SaveUpdate	\$000009DA	Enable update accumulation? [word]
PaintWhite	\$000009DC	WMGR/erase newly drawn windows? [word]
WMgrPort	\$000009DE	WMGR/window manager's grafport [pointer]
DeskPort	\$000009E2	Desk grafPort [Whole screen] [pointer]
OldStructure	\$000009E6	saved structure region [handle]
OldContent	\$000009EA	saved content region [handle]
GrayRgn	\$000009EE	WMGR/rounded gray desk region [handle]
SaveVisRgn	\$000009F2	temporarily saved visRegion [handle]
DragHook	\$000009F6	WMGR/user hook during dragging [pointer]
scratch8	\$000009FA	scratch [8 bytes]
TempRect	\$000009FA	scratch rectangle [8 bytes]
OneOne	\$00000A02	constant \$00010001 [long]
MinusOne	\$00000A06	constant \$FFFFFFFF [long]
IconBitmap	\$00000A0E	bitmap used for plotting things
MenuList	\$00000A1C	MMGR/current menuBar list structure [handle]
MBarEnable	\$00000A20	MMGR/menuBar enable for desk accessories[word]
CurDeKind	\$00000A22	window kind of deactivated window [word]
MenuFlash	\$00000A24	MMGR/flash feedback count [word]
TheMenu	\$00000A26	ID of hilited menu [word]
SavedHandle	\$00000A28	saved bits under a menu [handle]
MBarHook	\$00000A2C	Addr called by MenuSelect before menu is drawn
MrMacHook	\$00000A2C	Mr. Macintosh hook [pointer]
MenuHook	\$00000A30	MMGR/user hook during menuSelect [pointer]
DragPattern	\$00000A34	CMGR/DragTheRgn pattern [8 bytes]
DeskPattern	\$00000A3C	WMGR/desk pattern [8 bytes]
DragFlag	\$00000A44	CMGR/implicit parameter to DragControl [word]
CurDragAction	\$00000A46	CMGR/implicit actionProc for dragControl [pointer]
FPState	\$00000A4A	floating point state [6 bytes]
TopMapHndl	\$00000A50	topmost map in list [handle]
SysMapHndl	\$00000A54	system map [handle]
SysMap	\$00000A58	reference number of system map [word]
CurMap	\$00000A5A	reference number of current map [word]
ResReadOnly	\$00000A5C	Read only flag [word]
ResLoad	\$00000A5E	Auto-load feature [word]
ResErr	\$00000A60	Resource error code [word]
TaskLock	\$00000A62	re-entering SystemTask [byte]
FScaleDisable	\$00000A63	disable font scaling? [byte]
CurActivate	\$00000A64	WMGR/window slated for activate event [pointer]
CurDeactive	\$00000A68	WMGR/window slated for deactivate event [pointer]
DeskHook	\$00000A6C	WMGR/hook for painting the desk [pointer]
TEDoText	\$00000A70	textEdit doText proc hook [pointer]
TERecal	\$00000A74	textEdit recalText proc hook [pointer]
AppIScratch	\$00000A78	application scratch area [12 Bytes]

Name	Address	Description
=====	=====	=====
UsedFWidths	\$00000BF5	Flag saying if we used fract widths [byte]
FScaleHFact	\$00000BF6	horizontal font scale factor [long]
FScaleVFact	\$00000BFA	vertical font scale factor [long]
ToolTable	\$00000C00	Toolbox Dispatch Table [512 longs, up to \$1400]
SEPC	\$00000EAB	Loc of saved PC
SESR	\$00000EAF	Loc of saved SR
SEAccess	\$00000EB1	PC address during bus/address error
SECmdSize	\$00000EB5	Number of bytes of parms passed in _debugger call
SE000BE	\$00000EB7	Eight bytes of bus error info for 68000
ScreenLow	\$003FA700	Top of screen address
SEScrnlCon	\$003FCB5E	Centered screen address for Mac icons
SEScrnlFace	\$003FCCDF	Screen address for face
SEScrnl2	\$003FCF1F	Screen address for boot icon overlay
SEScrnlNum	\$003FD3DD	Sys Error Number Screen addr=\$7CB5E+64*34-1
SEScrnlnc	\$003FD5DF	Address to diddle below death number
SED0	\$003FFC80	Loc of saved D0
SERegs	\$003FFC80	Sys Error Regs without overlay
SEVars	\$003FFC80	Start of system error data space [wrap city]
SEA0	\$003FFCA0	Loc of saved A0
SEA7	\$003FFCBC	Loc of saved A7
SoundLow	\$003FFD00	Sound buffer start address
pwmBuffer	\$003FFD01	PWM bytes are low byte
romStart	\$00400000	Starting address of ROM code
scsiRd	\$00580000	Base address of SCSI interface - READ
scsiWr	\$00580001	Base address of SCSI interface - WRITE
ovlyRAM	\$00600000	Low RAM address with overlay
ovlyScreen	\$0067A700	Top of screen with overlay
SE0vlyRegs	\$007FFC80	Sys Error Regs with overlay
SCCRBase	\$009FFFF8	SCC base read address
SCCWBase	\$00BFFFF9	SCC base write address
DBase	\$00DFE1FF	IWM base
DPh0L	\$00DFE1FF	IWM Phase 0 low
DPh0H	\$00DFE3FF	IWM Phase 0 high
DMtrOff	\$00DFF1FF	IWM Motor off
DMtrOn	\$00DFF3FF	IWM Motor on
DiskQ6L	\$00DFF9FF	IWM Shift registers
DiskQ6H	\$00DFFBFF	
DiskQ7L	\$00DFFDFF	
DiskQ7H	\$00DFFFFF	
MBbuffer	\$00E000C6	MBUG/Buffer for input
RDport	\$00E000C6	NUB/Number of port in use [0=>No link, 1=>A, 2=>B]
SELastVar	\$00E000C6	Last var in System Error data space
RDcode	\$00E000C8	NUB/Ptr to code download buffer.
RDAtrap	\$00E000CC	NUB/Saved Rom A-Trap handler
RDlowTrap	\$00E000D0	NUB/Low value for trap handling
RDhiTrap	\$00E000D2	NUB/High value for trap handling
RDresult	\$00E000D4	NUB/Result of executing downloaded code [16 bytes]
MBSign	\$00E000DE	MBUG/ST => Negative sign during conversion

Name	Address	Description
=====	=====	=====
MBdotAddr	\$00E000E0	MBUG/Saved address
MBlocAddr	\$00E000E4	MBUG/Saved location
RDend	\$00E000E4	NUB/End of vars
AVBufB	\$00EFE1FE	Buffer B
AVBufM	\$00EFE1FE	Buffer with mouse button bit
VBase	\$00EFE1FE	Base address
AVIFR	\$00EFFBFE	Interrupt flag register
AVIER	\$00EFFDFE	Interrupt enable register
AVBufA	\$00EFFFFE	Buffer A
PhaseRead	\$00F00000	Phase read address [StartMain]
DiagROM	\$00F80000	Alternate ROM - initial vector
DiagROM1	\$00F80080	Alternate ROM - memory sizing vector
DiagROM2	\$00F80088	Alternate ROM - init I/O vector

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Name	Address	Description
AbusDCE	\$000002DC	AppleTalk/Pointer to the DCE
AbusVars	\$000002D8	AppleTalk/Pointer to the local variables
ACount	\$00000A9A	DMGR/# times this alert called [word]
AddrErr	\$0000000C	Address error vector
AlarmState	\$0000021F	Bit7=parity, Bit6=beeped, Bit0=enable [byte]
ANumber	\$00000A98	DMGR/active alert ID [word]
ApFontID	\$00000984	resource ID of application font [word]
ApplLimit	\$00000130	application limit [pointer]
ApplScratch	\$00000A78	application scratch area [12 Bytes]
ApplZone	\$000002AA	application heap zone [pointer]
AppPacks	\$00000AB8	packages' code [8 handles]
AppParmHandle	\$00000AEC	handle to hold application parameters
App2Packs	\$00000BC8	\$BC8-\$BE7 eight more package handles
AtalkHk1	\$00000B14	Appletalk hook [long]
AtalkHk2	\$00000B18	Appletalk hook [long]
AtMenuBottom	\$00000B28	Flag used by scrolling menus [integer]
AutoInt1	\$00000064	level 1 auto-vector
AutoInt2	\$00000068	level 2 auto-vector
AutoInt3	\$0000006C	level 3 auto-vector
AutoInt4	\$00000070	level 4 auto-vector
AutoInt5	\$00000074	level 5 auto-vector
AutoInt6	\$00000078	level 6 auto-vector
AutoInt7	\$0000007C	level 7 auto-vector
AVBufA	\$00FFFFFFE	buffer A
AVBufB	\$00EFE1FE	buffer B
AVBufM	\$00EFE1FE	buffer with mouse button bit
AVIER	\$00EFFDFE	interrupt enable register
AVIFR	\$00EFFBFE	interrupt flag register
BasicGlob	\$000002B6	Basic globals
BootDrive	\$00000210	drive number of boot drive [word]
BootMask	\$00000B0E	needed during boot [word]
BootTmp8	\$00000B36	temp space needed by StartBoot [8 bytes]
BtDskRfn	\$00000B34	refnum for boot drive driver refnum [word]
BufPtr	\$0000010C	top of application memory [pointer]
BufTgDate	\$00000304	time stamp [word]
BufTgFBkNum	\$00000302	logical block number [word]
BufTgFFlg	\$00000300	flags [word]
BufTgFNum	\$000002FC	file number [long]
BusErr	\$00000008	Bus error vector
CacheCom	\$0000039C	
CacheFlag	\$00000377	cache usage count now used as cache flag
CacheVars	\$00000394	
CaretTime	\$000002F4	PRAM/caret blink ticks [long]
ChkErr	\$00000018	Vectors for CHK & CHK2 instruction errors
ChooserBits	\$00000946	bit 7 = 0, don't run bit 6 = 0, gray out Appletalk
CkdDB	\$00000340	used when searching the directory [2]
CloseOrnHook	\$00000A88	hook for closing desk ornaments
Coprocess	\$00000034	Vector for coprocessor protocol violation
CoreEditVars	\$00000954	core edit variables [12 bytes]
CPUFlag	\$0000012F	\$00=68000,\$01=68010,\$02=68020 [old ROM inits to\$00]
CrsrAddr	\$00000888	Address of data under cursor [long]

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Name	Address	Description
CrsrBusy	\$000008CD	Cursor locked out? [byte]
CrsrCouple	\$000008CF	cursor coupled to mouse? [byte]
CrsrNew	\$000008CE	Cursor changed? [byte]
CrsrObscure	\$000008D2	Cursor obscure semaphore [byte]
CrsrPin	\$00000834	cursor pinning rectangle [8 bytes]
CrsrRect	\$0000083C	Cursor hit rectangle [8 bytes]
CrsrSave	\$0000088C	data under the cursor [64 bytes]
CrsrScale	\$000008D3	cursor scaled? [byte]
CrsrState	\$000008D0	Cursor nesting level [word]
CrsrThresh	\$000008EC	delta threshold for mouse scaling [word]
CrsrVis	\$000008CC	Cursor visible? [byte]
CurActivate	\$00000A64	WMGR/window slated for activate event [pointer]
CurApName	\$00000910	name of application [STRING[31]]
CurApRefNum	\$00000900	refNum of application's resFile [word]
CurDB	\$00000340	current directory block
CurDeactive	\$00000A68	WMGR/window slated for deactivate event [pointer]
CurDeKind	\$00000A22	window kind of deactivated window [word]
CurDirStore	\$00000398	save dir across calls to Standard File [long]
CurDragAction	\$00000A46	CMGR/implicit actionProc for dragControl [pointer]
CurFMDenom	\$00000994	current denominator of scale factor
CurFMDevice	\$0000098E	current font device
CurFMFace	\$0000098C	current font face
CurFMFamily	\$00000988	current font family
CurFMInput	\$00000988	quickdraw FMInput Record [pointer]
CurFMNeedBits	\$0000098D	boolean specifying whether it needs strike
CurFMNumer	\$00000990	current numerator of scale factor
CurFMSize	\$0000098A	current font size
CurJTOffset	\$00000934	current jump table offset [word]
CurMap	\$00000A5A	reference number of current map [word]
CurPageOption	\$00000936	current page 2 configuration [word]
CurPitch	\$00000280	current pitch value [word]
CurrentA5	\$00000904	current value of A5 [pointer]
CurStackBase	\$00000908	current stack base [pointer]
DABeeper	\$00000A9C	DMGR/beep routine [pointer]
DAStrings	\$00000AA0	DMGR/paramText substitution strings [4 handles]
DBase	\$00DFE1FF	IWM/disk address base
DefltStack	\$00000322	default size of stack [long]
DefVCBPtr	\$00000352	pointer to default VCB
DefVRefNum	\$00000384	Default volume's VRefNum [COULD BE WDRRefNum!]
DeskHook	\$00000A6C	WMGR/hook for painting the desk [pointer]
DeskPattern	\$00000A3C	WMGR/desk pattern [8 bytes]
DeskPort	\$000009E2	Desk grafPort [Whole screen] [pointer]
DiagROM	\$00F80000	Alternate ROM - initial vector
DiagROM1	\$00F80080	Alternate ROM - memory sizing vector
DiagROM2	\$00F80088	Alternate ROM - init I/O vector
DiskQ6H	\$00DFFBFF	shift register
DiskQ6L	\$00DFF9FF	
DiskQ7H	\$00DFFFFF	
DiskQ7L	\$00DFFDFF	
DiskVars	\$00000222	Disk driver variables [62 bytes]
DispatchTab	\$00000400	A-Trap dispatch table [1024 bytes]

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Name	Address	Description
DlgFont	\$00000AFA	DMGR/default dialog font ID [word]
DMtrOff	\$00DFF1FF	IWM Motor off
DMtrOn	\$00DFF3FF	IWM Motor on
DoubleTime	\$000002F0	PRAM/double click ticks [long]
DPh0H	\$00DFE3FF	phase 0 high
DPh0L	\$00DFE1FF	phase 0 low
DragFlag	\$00000A44	CMGR/implicit parameter to DragControl [word]
DragHook	\$000009F6	WMGR/user hook during dragging [pointer]
DragPattern	\$00000A34	CMGR/DragTheRgn pattern [8 bytes]
DrMstrBlk	\$0000034C	master directory block in a volume
DrvQHdr	\$00000308	queue header of drives in system [10 bytes]
DSAlertRect	\$000003F8	rectangle for disk-switch alert [8 bytes]
DSAlertTab	\$000002BA	system error alerts [pointer]
DSDrawProc	\$00000334	alternate syserror draw procedure [pointer]
DSErrCode	\$00000AF0	last system error alert ID
DskErrr	\$00000142	disk routine result code [word]
DskRtnAdr	\$00000124	temp for disk driver [pointer]
DskSwchHook	\$000003EA	hook for disk-switch dialog
DskVerify	\$0000012C	used by 3.5 disk driver for read/verify [byte]
DSWndUpdate	\$0000015D	GNE not to paintBehind DS AlertRect? [byte]
EjectNotify	\$00000338	eject notify procedure [pointer]
ErCode	\$000003A2	use this loc to report errors during async routines
EventQueue	\$0000014A	event queue header [10 bytes]
EvtBufCnt	\$00000154	max number of events in SysEvtBuf - 1 [word]
ExtFShHook	\$000003E6	command done hook
ExtStsDT	\$000002BE	SCC ext/sts secondary dispatch table [16 bytes]
FCBSPtr	\$0000034E	ptr to FCBS
FDevDisable	\$00000BB3	\$FF to disable device-defined style extra [byte]
FileVars	\$00000340	file system vars [184 bytes]
Finder	\$00000261	Private Finder flags [byte]
FinderName	\$000002E0	"Finder" name [STRING[15]]/_ExittoShell Program
FLckUnlck	\$00000348	flag used by SetFilLock,RstFilLock [1]
FlEvtMask	\$0000025E	mask of allowable events to flush at FlushEvents [word]
FlushOnly	\$00000346	flag used by UnMountVol,FlushVol [1]
FMDefaultSize	\$00000987	default size [byte]
FMDotsPerInch	\$000009B2	h,v dotsPerInch of current device
FMgrOutRec	\$00000998	quickdraw FontOutput Record [pointer]
FMStyleTab	\$000009B6	style heuristic table supplied by device
FmtDefaults	\$0000039E	ptr to formatting defs [TFSVars + 52] [long]
FmtErrVect	\$00000038	format error vector for 68010/68020
FONDID	\$00000BC6	ID of last font def record [word]
FontFlag	\$0000015E	font manager loop flag [byte]
FormatErr	\$00000038	Format error vector
FOutAscent	\$000009A5	FMGR/height above baseline
FOutBold	\$0000099E	FMGR/bolding factor
FOutDenom	\$000009AE	FMGR/point for denominators of scale factor
FOutDescent	\$000009A6	FMGR/height below baseline
FOutError	\$00000998	FMGR/error code
FOutExtra	\$000009A4	FMGR/extra horizontal width
FOutFontHandle	\$0000099A	FMGR/handle to font bits
FOutItalic	\$0000099F	FMGR/italic factor

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Name	Address	Description
FOutLeading	\$000009A8	FMGR/space between lines
FOutNumer	\$000009AA	FMGR/point for numerators of scale factor
FOutRec	\$00000998	Font Manager output record
FOutShadow	\$000009A3	FMGR/shadow factor
FOutUOffset	\$000009A0	FMGR/underline offset
FOutULShadow	\$000009A1	FMGR/underline halo
FOutULThick	\$000009A2	FMGR/underline thickness
FOutUnused	\$000009A9	FMGR/unused byte [must have even number]
FOutWidMax	\$000009A7	FMGR/maximum width of character
FPState	\$00000A4A	floating point state [6 bytes]
FractEnable	\$00000BF4	flag for fractional font widths [byte]
FrcSync	\$00000349	when set, all fs calls are sync'ed [1]
FSBusy	\$00000360	non-zero when the file system is busy
FScaleDisable	\$00000A63	disable font scaling? [byte]
FScaleHFact	\$00000BF6	horizontal font scale factor [long]
FScaleVFact	\$00000BFA	vertical font scale factor [long]
FSCallAsync	\$00000342	ONE BYTE FREE
FSFCBLen	\$000003F6	HFS present flag / FCB size [-1 in old ROM]
FSIOErr	\$000003DE	last I/O error [NEXT WORD FREE]
FSQHdr	\$00000360	file system queue header [10 bytes]
FSQHead	\$00000362	ptr to 1st queued cmd: 0 when queue empty
FSQTail	\$00000366	ptr to last queue element
FSQueueHook	\$000003E2	hook to capture all FS calls
FSTemp4	\$000003DE	used by rename, ckfilmod
FSTemp8	\$000003D6	used by rename
FSVarEnd	\$000003F6	end of file system variables
GetParam	\$000001E4	system parameter scratch [20 bytes]
GhostWindow	\$00000A84	WMGR/window hidden from FrontWindow [pointer]
GotStrike	\$00000986	Do we have the strike? [byte]
GrafBegin	\$00000800	Beginning of Quickdraw system globals
GrafEnd	\$000008F2	End of Quickdraw system globals
GrayRgn	\$000009EE	WMGR/rounded gray desk region [handle]
GZMoveHnd	\$00000330	moving handle for GrowZone [handle]
GZRootHnd	\$00000328	root handle for GrowZone [handle]
GZRootPtr	\$0000032C	root pointer for GrowZone [pointer]
HeapEnd	\$00000114	end of heap [pointer]
HeapStart	\$00000B00	Start of system heap in 64K ROM
HFSDErr	\$00000392	Final gasp - error that caused IOErr.
HFSFlags	\$00000376	Internal TFS flags
HFSStkPtr	\$0000036E	Temporary location of TFS Stack pointer
HFSStkTop	\$0000036A	Temporary location of pointer to top of Stack
HFS tagData	\$0000038A	Room for additional HFS tag data
HFSVarEnd	\$00000394	End of HFS variable area
HFSVars	\$0000036A	Start of TFS variables in RAM [previously RgSvArea]
HiHeapMark	\$00000BAE	Highest address used by a zone below sp [long]
HLvl1DT	\$00000192	Interrupt level 1 dispatch table [32 bytes]
HpChk	\$00000316	Heap check RAM code [pointer]
HWCfgFlags	\$00000B22	HW Configuration flags [word]
IAZNotify	\$0000033C	World swaps notify procedure [pointer]
IconBitmap	\$00000A0E	Bitmap used for plotting things
Illegal	\$00000010	Illegal instruction error

Name	Address	Description
IntFlag	\$0000015F	Reduce interrupt disable time when bit 7 = 0
IntlSpec	\$00000BA0	Ptr to extra Intl data [long]
IWM	\$000001E0	IWM base address [pointer]
JAdrDisk	\$00000252	Disk driver vector
JBlockMove	\$000004B8	Special equate for OUR HeapGuts Jump Table
JCrsrObscure	\$0000081C	QuickDraw Glue Vector
JCrsrTask	\$000008EE	Address of CrsrVBLTask [long]
JDCDReset	\$00000B48	Vector to .Sony DCD DCDReset routine [long]
JDiskPrime	\$00000226	Disk driver vector
JDiskSel	\$00000B40	Vector to .Sony DiskSelect routine [long]
JFetch	\$000008F4	Fetch a byte routine for drivers [pointer]
JFigTrkSpd	\$00000222	Disk driver vector
JFontInfo	\$000008E4	Jump entry for FMFontMetrics [long]
JGNEFilter	\$0000029A	GetNextEvent filter proc [pointer]
JHideCursor	\$00000800	QuickDraw Glue Vector
JInitCrsr	\$00000814	QuickDraw Glue Vector
JIODone	\$000008FC	IODone entry location [pointer]
JKybdTask	\$0000021A	Keyboard VBL task hook [pointer]
JMakeSpdTbl	\$0000024E	Disk driver vector
JournalFlag	\$000008DE	Journaling state [word]
JournalRef	\$000008E8	Journalling driver's refnum [word]
JRdAddr	\$0000022A	Disk driver vector
JRdData	\$0000022E	Disk driver vector
JRecal	\$0000023E	Disk driver vector
JReSeek	\$0000024A	Disk driver vector
JScrnAddr	\$0000080C	QuickDraw Glue Vector
JScrnSize	\$00000810	QuickDraw Glue Vector
JSeek	\$00000236	Disk driver vector
JSendCmd	\$00000B44	vector to .Sony DCD SendCmd routine [long]
JSetCrsr	\$00000818	QuickDraw Glue Vector
JSetSpeed	\$00000256	Disk driver vector
JSetUpPoll	\$0000023A	Disk driver vector
JShell	\$00000212	journaling shell state [wprd]
JShieldCursor	\$00000808	QuickDraw Glue Vector
JShowCursor	\$00000804	QuickDraw Glue Vector
JStash	\$000008F8	stash a byte routine for drivers [pointer]
JSwapFont	\$000008E0	jump entry for FMSwapFont [long]
JUpdateProc	\$00000820	QuickDraw Glue Vector
JWakeUp	\$00000246	Disk driver vector
JWrData	\$00000232	Disk driver vector
KbdType	\$0000021E	keyboard model number [byte]
KbdVars	\$00000216	Keyboard manager variables [4 bytes]
KeyLast	\$00000184	ASCII for last valid keycode [word]
KeyMap	\$00000174	bitmap of the keyboard [2 longs]
KeyMVars	\$00000B04	ROM KEYM proc state [word]
KeypadMap	\$0000017C	bitmap for numeric pad-18bits [long]
KeyRepThresh	\$00000190	PRAM/key repeat speed [word]
KeyRepTime	\$0000018A	tickcount when key was last repeated [long]
KeyThresh	\$0000018E	PRAM/threshold for key repeat [word]
KeyTime	\$00000186	tickcount when KEYLAST was rec'd [long]
Key1Trans	\$0000029E	keyboard translator procedure [pointer]

Name	Address	Description
Key2Trans	\$000002A2	numeric keypad translator procedure [pointer]
LastFOND	\$00000BC2	handle of last font def record [long]
LastLGlobal	\$00000944	address past last loader global
LastPGlobal	\$00000954	address of last printer global
LastSPExtra	\$00000B4C	most recent value of space extra [long]
LaunchFlag	\$00000902	from launch or chain [byte]
LGrafJump	\$00000824	QuickDraw Glue Vector
Line1010	\$00000028	1010 emulator trap [system routines]
Line1111	\$0000002C	1111 emulator trap [reserved]
LoaderPBlock	\$0000093A	param block for ExitToShell [10 bytes]
LoadTrap	\$0000012D	trap before launch? [byte]
LoadVars	\$00000900	loader variables [68 bytes]
Lo3Bytes	\$0000031A	constant\$00FFFFFF [long]
Lvl1DT	\$00000192	Level-1 secondary interrupt vector table [32 bytes]
Lvl2DT	\$000001B2	Interrupt level 2 dispatch table [32 bytes]
MacJump	\$00000120	MACSBUG jumptable [pointer]
MAErrProc	\$00000BE8	MacApp error proc address [long]
MaskBC	\$0000031A	Memory Manager Byte Count Mask [long]
MaskHandle	\$0000031A	Memory Manager Handle Mask [long]
MaskPtr	\$0000031A	Memory Manager Pointer Mask [long]
MASuperTab	\$00000BEC	[handle to MacApp superclass table [long]
MaxDB	\$00000344	
MBarEnable	\$00000A20	MMGR/menuBar enable for desk accessories[word]
MBarHeight	\$00000BAA	MMGR/[word] height of menu bar [usually 20]
MBarHook	\$00000A2C	Address called by MenuSelect before menu is drawn
MBbuffer	\$00E000C6	MBUG/buffer for input
MBdotAddr	\$00E000E0	MBUG/saved address
MBlocAddr	\$00E000E4	MBUG/saved location
MBSign	\$00E000DE	MBUG/ST => negative sign during conversion
MBState	\$00000172	current mouse button state [byte]
MBTicks	\$0000016E	tick count @ last mouse button [long]
MemErr	\$00000220	last memory manager error [word]
MemTop	\$00000108	top of memory [pointer]
MenuFlash	\$00000A24	MMGR/flash feedback count [word]
MenuHook	\$00000A30	MMGR/user hook during menuSelect [pointer]
MenuList	\$00000A1C	MMGR/current menuBar list structure [handle]
MicroSoft	\$00000A78	Old name for ApplScratch [12 bytes]
MinStack	\$0000031E	Min stack size used in InitApplZone [long]
MinusOne	\$00000A06	Constant\$FFFFFFFF [long]
MMDefFlags	\$00000326	Default zone flags [word]
MmInOK	\$0000012E	Initial memory mgr checks ok? [byte]
MonkeyLives	\$00000100	Monkey lives if >= 0 [word]
Mouse	\$00000830	Processed mouse coordinate [long]
MouseMask	\$000008D6	V-H mask for ANDing with mouse [long]
MouseOffset	\$000008DA	V-H offset for adding after ANDing [long]
MrMacHook	\$00000A2C	Mr. Macintosh hook [pointer]
MTemp	\$00000828	Low-level interrupt mouse location [long]
NewMount	\$0000034A	Used by MountVol to flag new mounts [1]
NewUnused	\$00000BC0	Used to be FlEvtMask [word]
NiblTbl	\$0000025A	Used by disk driver
NoEject	\$0000034B	Used by Eject and Offline

Name	Address	Description
NxtDB	\$00000342	
OldContent	\$000009EA	Saved content region [handle]
OldStructure	\$000009E6	Saved structure region [handle]
OneOne	\$00000A02	Constant\$00010001 [long]
OSTable	\$00000400	256 longs, up to\$800, where old table of 512 words was
ovlyRAM	\$00600000	Low RAM address when overlay is on
ovlyScreen	\$0067A700	Top of screen with overlay
PaintWhite	\$000009DC	WMGR/erase newly drawn windows? [word]
Params	\$000003A4	50 bytes long. For I/O parameter blocks.
PhaseRead	\$00F00000	Phase read address [StartMain]
PMSFPtr	\$00000386	Pointer to list of directories on PMSP
PollProc	\$0000013E	SCC poll data procedure [pointer]
PollRtnAddr	\$00000128	'Other' driver locals [pointer]
PollStack	\$0000013A	SCC poll data start stack location [pointer]
PortAUse	\$00000290	Bit 7: 1 = not in use, 0 = in use
PortBUse	\$00000291	Port B use, same format as PortAUse
PrintErr	\$00000944	Print error global location
PrintVars	\$00000944	Print code variables [16 bytes]
Privilege	\$00000020	Privilege violation vector
PWMBuffer	\$003FFD01	PWM bytes are low byte
PWMBuf1	\$00000B0A	PWM buffer ptr [long]
PWMBuf2	\$00000312	PWM buffer 1 [or 2 if sound] [pointer]
PWMValue	\$00000138	Current PWM value [word]
PWM2MemTop	\$000002FF	PWMBuffer to MemTop
QDExist	\$000008F3	Quickdraw is initialized [byte]
RAMBase	\$000002B2	RAM base address [pointer]
RawMouse	\$0000082C	un-jerked mouse coordinates [long]
RDAttrap	\$00E000CC	NUB/Saved Rom Atrap handler
RDcode	\$00E000C8	NUB/Ptr to code download buffer.
RDend	\$00E000E4	NUB/end of vars
RDhiTrap	\$00E000D2	NUB/high value for trap handling
RDlowTrap	\$00E000D0	NUB/low value for trap handling
RDport	\$00E000C6	NUB/# of port in use [0 => no link, 1 => A, 2 = B]
RDresult	\$00E000D4	NUB/result of executing down-loaded code [16 bytes]
RegRsrc	\$00000347	flag used by OpenRF, FileOpen [1]
ReqstVol	\$000003EE	ptr to VCB of off-line or ext fs volume
ResErr	\$00000A60	Resource error code [word]
ResErrProc	\$00000AF2	Resource error procedure [pointer]
ResetSPPC	\$00000000	Reset SP & initial PC
ResLoad	\$00000A5E	Auto-load feature [word]
ResReadOnly	\$00000A5C	Read only flag [word]
RestProc	\$00000A8C	Old name for ResumeProc
ResumeProc	\$00000A8C	Resume procedure from InitDialogs [pointer]
RgSvArea	\$0000036A	reg save during async calls.
RMGRHiVars	\$00000B80	\$B80-\$BFF are switched vars
RMGRPerm	\$00000BA4	permission byte for OpenResFile [byte]
RndSeed	\$00000156	random seed/number [long]
ROMBase	\$000002AE	ROM base address [pointer]
RomFont0	\$00000980	system font [handle]
ROMMapHndl	\$00000B06	handle of ROM resource map [long]
RomMapInsert	\$00000B9E	determines if we should link in map [byte]

Name	Address	Description
RomStart	\$00400000	starting address of ROM code
ROM85	\$0000028E	actually high bit - 0 for ROM vers\$75 and later [word]
SavedHandle	\$00000A28	saved bits under a menu [handle]
SaveProc	\$00000A90	address of Save failsafe procedure
SaveSegHandle	\$00000930	seg 0 handle [handle]
SaveSP	\$00000A94	Safe SP for restart or save
SaveUpdate	\$000009DA	Enable update accumulation? [word]
SaveVisRgn	\$000009F2	temporarily saved visRegion [handle]
SCCASts	\$000002CE	SCC read reg 0 last ext/sts rupt - A [byte]
SCCBSts	\$000002CF	SCC read reg 0 last ext/sts rupt - B [byte]
SCCRBase	\$009FFFF8	SCC base read address
SCCRd	\$000001D8	SCC base read address [pointer]
SCCWBase	\$00BFFFF9	SCC base write address
SCCW	\$000001DC	SCC base write address [pointer]
ScrapCount	\$00000968	validation byte [word]
ScrapEnd	\$00000980	end of scrap vars
ScrapHandle	\$00000964	memory scrap [handle]
ScrapInfo	\$00000960	scrap length [long]
ScrapName	\$0000096C	pointer to scrap name [pointer]
ScrapSize	\$00000960	scrap length [long]
ScrapState	\$0000096A	scrap state [word]
ScrapTag	\$00000970	scrap file name [STRING[15]]
ScrapVars	\$00000960	scrap manager variables [32 bytes]
Scratch20	\$000001E4	scratch [20 bytes]
Scratch8	\$000009FA	scratch [8 bytes]
ScrDmpEnb	\$000002F8	screen dump enabled? [byte]
ScrDmpType	\$000002F9	FF dumps screen, FE dumps front window [byte]
ScreenLow	\$003FA700	top of screen screen address
ScreenRow	\$00000106	rowBytes of screen [word]
ScreenVars	\$00000292	Screen driver variables [8 bytes]
ScrHRes	\$00000104	screen horizontal dots/inch [word]
ScrnBase	\$00000824	Screen Base [pointer]
ScrVRes	\$00000102	screen vertical dots/inch [word]
SCSIDrvrs	\$00000B2E	bitmap for loaded SCSI drivers [word]
SCSIFlag	\$00000B22	Configuration Flag for SCSI [word]
SCSIrd	\$00580000	base address of SCSI interface - READ
SCSIWr	\$00580001	base address of SCSI interface - WRITE
SdEnable	\$00000261	Sound enabled? [byte]
SdVolume	\$00000260	PRAM/Global volume[sound] control [byte]
SEAccess	\$00000EB1	PC address during bus/address error
SEA0	\$003FFCA0	loc of saved reg A0
SEA7	\$003FFCBC	loc of saved reg A7
SECmdSize	\$00000EB5	# of bytes of parameters passed in _debugger call
SED0	\$003FFC80	loc of saved reg D0
SegHiEnable	\$00000BB2	Zero to disable MoveHHi in LoadSeg<02Nov85> [byte]
SELastVar	\$00E000C6	last var in System Error data space
SEOVlyRegs	\$007FFC80	Sys Error Regs w. Overlay
SEPC	\$00000EAB	loc of saved PC
SERegs	\$003FFC80	Sys Error Regs w/o Overlay
SerialVars	\$000002D0	async driver variables [16 bytes]
SEScrnFace	\$003FCCDF	screen addr for face

Name	Address	Description
SEScrniIcon	\$003FCB5E	centered screen addr for Mac icons
SEScrniInc	\$003FD5DF	address to diddle below death number
SEScrniI2	\$003FCF1F	screen addr for boot icon overlay
SEScrniNum	\$003FD3DD	SysErr # Screen address =\$7CB5E+64 34-1 (centered)
SESR	\$00000EAF	Loc of saved SR
SEVars	\$003FFC80	start of system error data space [wrap city]
SEvtEnb	\$0000015C	enable SysEvent calls from GNE [byte]
SE000BE	\$00000EB7	8 bytes of bus error info for 68000
SFSaveDisk	\$00000214	last vRefNum seen by standard file [word]
SndBufWLen	\$00000172	sound/disk buffer word length
Snd2MemTop	\$00000300	SoundLow to Memtop
SonyVars	\$00000134	3-1/2 disk driver vars [pointer]
SoundActive	\$0000027E	sound is active? [byte]
SoundBase	\$00000266	sound bitMap [pointer]
SoundDCE	\$0000027A	sound driver DCE [pointer]
SoundLevel	\$0000027F	current level in buffer [byte]
SoundLow	\$003FFD00	sound buffer start address
SoundPtr	\$00000262	4VE sound definition table [pointer]
SoundVars	\$00000262	Sound driver variables [32 bytes]
SoundVBL	\$0000026A	vertical retrace control element [16 bytes]
SPAlarm	\$00000200	alarm time [long]
SPATalkA	\$000001F9	AppleTalk node number hint for port A
SPATalkB	\$000001FA	AppleTalk node number hint for port B
SPClikCaret	\$00000209	double click/caret time in 4/60ths[2 4-bit]
SPConfig	\$000001FB	PRAM/config bits: 4-7 A, 0-3 B [see use type below]
SPFont	\$00000204	default application font number minus 1 [word]
SPKbd	\$00000206	kbd repeat thresh in 4/60ths [2 4-bit]
SPMisc1	\$0000020A	miscellaneous [1 byte]
SPMisc2	\$0000020B	miscellaneous [1 byte]
SPPortA	\$000001FC	PRAM/SCC port A configuration [word]
SPPortB	\$000001FE	PRAM/SCC port B configuration [word]
SPPrint	\$00000207	print stuff [byte]
Spurious	\$00000060	Spurious interrupt vector
SPValid	\$000001F8	validation field [\$A7] [byte]
SPVolCtl	\$00000208	volume control [byte]
StkLowPt	\$00000110	Lowest stack as measured in VBL task [pointer]
Switcher	\$00000282	Used by Switcher
SwitcherTPtr	\$00000286	Switcher's switch table
SysBMCPtr	\$00000378	System-wide bitmap cache pointer
SysCom	\$00000100	start of system communication area
SysCRefCnt	\$00000377	Usage count byte for system caches [number of vols]
SysCtlCPtr	\$00000380	System-wide control cache pointer
SysEvtBuf	\$00000146	system event queue element buffer [pointer]
SysEvtMask	\$00000144	system event mask [word]
SysFontFam	\$00000BA6	System font family ID or zero [word]
SysFontSize	\$00000BA8	System font size [or zero for 12 pt] [word]
SysMap	\$00000A58	reference number of system map [word]
SysMapHndl	\$00000A54	system map [handle]
SysParam	\$000001F8	system parameter memory [20 bytes]
SysResName	\$00000AD8	Name of system resource file [STRING[19]]
SysVersion	\$0000015A	version # of RAM-based system [word]

Name	Address	Description
SysVolCPtr	\$0000037C	System-wide volume cache pointer
SysZone	\$000002A6	system heap zone [pointer]
TagData	\$000002FA	sector tag info for disk drivers [14 bytes]
TaskLock	\$00000A62	re-entering SystemTask [byte]
TEdoText	\$00000A70	textEdit doText proc hook [pointer]
TempRect	\$000009FA	scratch rectangle [8 bytes]
TERecal	\$00000A74	textEdit recalText proc hook [pointer]
TEScrpHandle	\$00000AB4	TEDIT/textEdit Scrap [handle]
TEScrpLength	\$00000AB0	TEDIT/textEdit Scrap Length [word]
TESysJust	\$00000BAC	TEDIT/[word] system justification [intl. textEdit]
TEWdBreak	\$00000AF6	TEDIT/default word break routine [pointer]
TheCrsr	\$00000844	Cursor data, mask & htspot [68 bytes]
TheMenu	\$00000A26	ID of hilited menu [word]
TheZone	\$00000118	current heap zone [pinter]
Ticks	\$0000016A	Tick count, time since boot [long]
Time	\$0000020C	clock time [extrapolated] [long]
TimeVars	\$00000B30	the low memory pointer to the variable struct
TmpResLoad	\$00000B9F	second byte is temporary ResLoad value.
Tocks	\$00000173	Lisa sub-tick count [byte]
ToExtFS	\$000003F2	hook for external file systems
ToolScratch	\$000009CE	scratch area [8 bytes]
ToolTable	\$00000C00	512 longs, up to \$1400
TopMapHndl	\$00000A50	topmost map in list [handle]
TopMenuItem	\$00000B26	Used for menu scrolling
Trace	\$00000024	Trace vector
TrapAgain	\$00000B00	Used by disk switch hook to repeat FS call
TrapTbl	\$00000080	TRAP #0-#15 instruction vectors
TrapVError	\$0000001C	cpTRAPcc, TRAPcc, TRAPV instruction error vector
TlArbitrate	\$00000B3F	\$FF if Timer T1 up for grabs [byte]
UnitNtryCnt	\$000001D2	count of entries in unit table [word]
UsedFWidths	\$00000BF5	Flag saying if we used fract widths [byte]
UtableBase	\$0000011C	unit I/O table [pointer]
VBase	\$00EFE1FE	base address
VBLQueue	\$00000160	VBL queue header [10 bytes]
VCBQHdr	\$00000356	VCB queue header
VIA	\$000001D4	VIA base address [pointer]
WDCBsPtr	\$00000372	Working Directory queue header
WidthListHand	\$000008E4	List of extra width tables, or nil.
WidthPtr	\$00000B10	Font Mgr glcbl [long]
WidthTabHandle	\$00000B2A	Font width table handle for measure
WindowList	\$000009D6	WMGR/Z-ordered linked list of windows [pointer]
WMgrPort	\$000009DE	WMGR/window manager's grafport [pointer]
WordRedraw	\$00000BA5	TEDIT/used by TextEdit RecalDraw [byte]
WVexist	\$000008F2	Window manager initialized? [byte]
ZeroDiv	\$00000014	Divide by zero vector

