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Macintosh SE: Companies That Supply Option Card Products (8/94)

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TOPIC ---

The following companies produce option cards for the Macintosh SE expansion
slot.

DISCUSSION --

Expansion Chassis

ExpanSE -- from Second Wave, Inc. -- is an expansion chassis for the Macintosh
SE. Its interface occupies the SE expansion slot, providing four slots. For more
information on ExpanSE, search under: Second Wave, Inc.

Option Cards

The following companies have announced SE option card products for the Macintosh
SE.

Please pay particular attention to the ADDRESS RANGES used by these SE option
card products. To select a combination of four products to use in a Second Wave
ExpanSE expansion chassis, choose products without overlapping address ranges.
Products with switch-selectable addressing are the most flexible products to use
in your chassis.

(NOTE: Information was not available for all products.)

Mac86: >800000->8FFFFF
 - AST Research, Inc.

MacMainFrame SE: >800000->81FFFF
 - Avatar Technologies, Inc.

MacIRMA: Switch-selectable addressing
 - Digital Communications Associates (DCA)

Epic 2400SE: Switch-selectable addressing
 - Epic Technology, Inc.

The Big Picture: >780000->799400

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  - E-Machines Inc.


HyperCharger 020
 - General Computer Corporation
   (NOTE: does not implement the Apple 68000 bus protocol completely, and
   will therefore not operate in ExpanSE)


Pro Board by Addon Computer Corp.
 - IO Inc.


EtherPort SE: >800000->80FFFF
 - Kinetics, Inc.


Turbo SE: Math co-processor: >500000->50FFFF
 - MacMemory Incorporated


Orion Galaxy LS: >540000->57FFFF
 - MacPeak Systems


MegaScreen SE: >540000->57FFFF
MegaScreen SE*M: >5E0000->5FFFFF
Math co-processor at >530000->530020
 - MEGA Graphics Inc.


Micah Vision: >700000->87FFFF
 - MICAH


Viking 1
 - Moniterm Corporation


GPIB-SE: >800000->8002FF, >500000->5000FF
 - National Instruments
   (NOTE: this card uses DMA.)


Stretch Screen
 - Network Specialties, Inc.
   (NOTE: does not use an SE option card)


MAC20
MAC20MX
 - Novy Systems Inc.


Mac+PC
 - PerfecTEK Corporation


Radius Accelerator: >680000->6FFFFF, >800000->8FFFFF, >C80000->CFFFFF,
>FA0000->FFFFFF
Radius Full Page & Two Page Display: >600000->67FFFF, >700000->7FFFFF,
>C00000->C7FFFF, >F80000->F9FFFF
 - Radius, Inc.


Inspector
 - Seawell Microsystems
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LaserView: >800000->8FFFFF, >C00000->CFFFFF
 - Sigma Designs, Inc.

Analog Connection SE-12
Analog Connection SE-16
 - Strawberry Tree Computers, Inc.

SuperView: Rev. C uses>A00000->AFFFFF, Rev. E uses >C00000->C4008D &
>F80000->FBFFFF, the 68881 uses >C80000->C9FFFF
 - SuperMac Technology

Apple PC 5.25 Drive: >800000->8FFFFF
 - Apple Computer, Inc.

NOTE

The Apple card does not strictly adhere to the 68000 Bus Arbitration Protocol.
This protocol requires that after a bus request has been made and granted, the
requesting device should send back a 'bus grant acknowledge' -- something the
Apple card does not do.

In the case of Second Wave's ExpanSE, this signal notifies the processor to turn
the tranceivers around and guarantee full communication. Without this signal,
the tranceivers are never turned and an error message is returned -- "Unable to
Read Disk" -- as the communication is only in one direction.

To locate a vendor's address and phone numbers, use the vendor name as a search
string.

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08 Aug 1994 - Removed Dove Computer from listing.

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