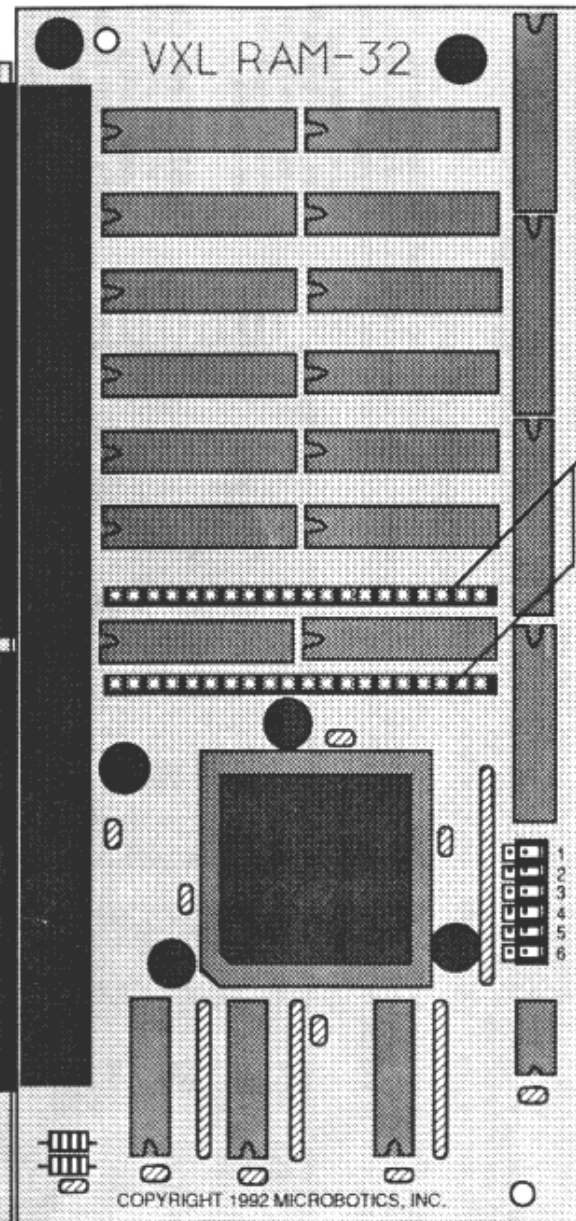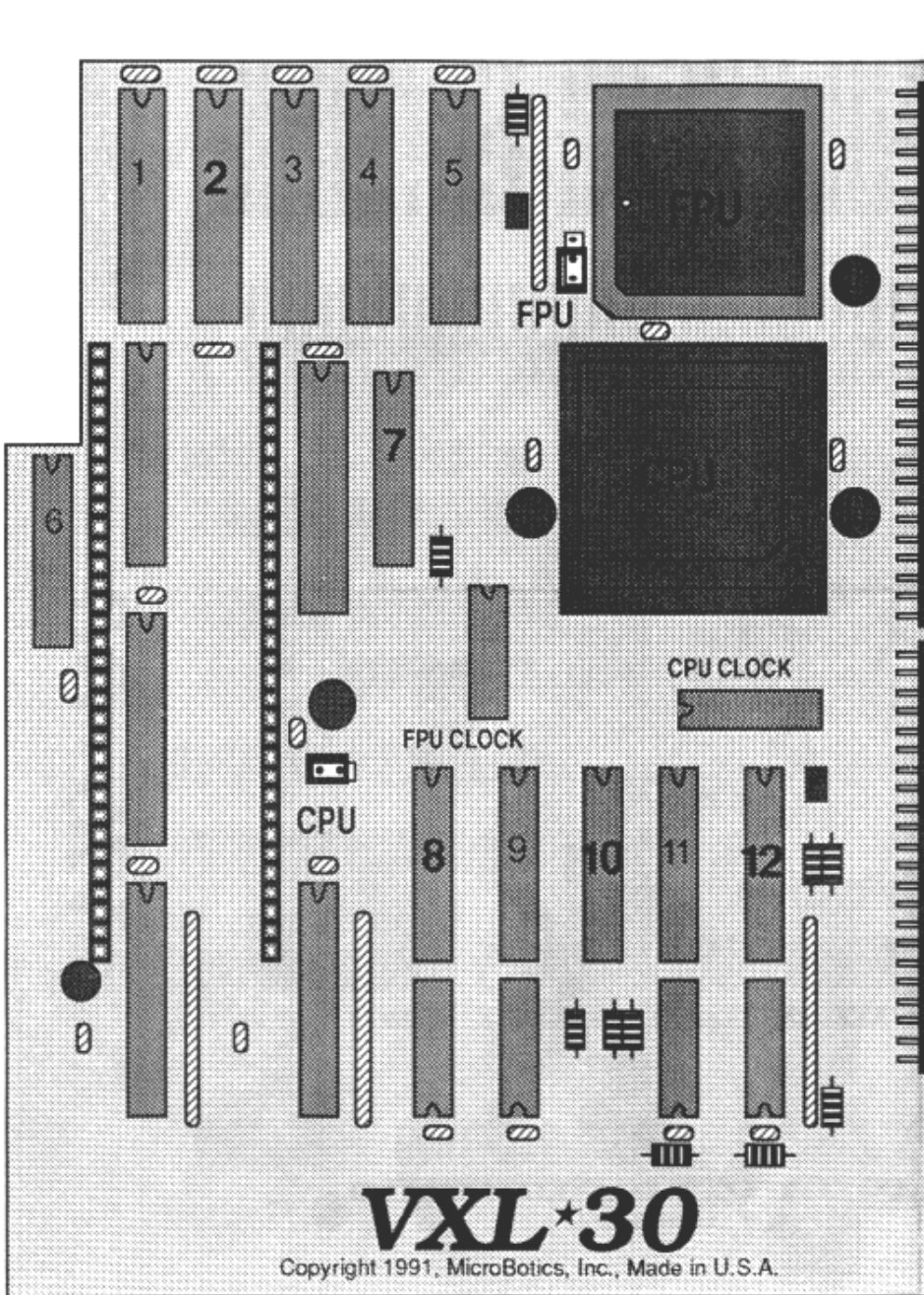# VXL RAM-32 Installation and Configuration Diagram and Notes EDITION 1.2

VXL RAM-32 can be populated with 60ns or 80ns RAM in DIP (Dual Inline Packaging); Page Mode or Fast Page Mode (for burst) must be used. Sixteen 256x4 or sixteen 1x4 chips must be used. Chip types may not be mixed and the board must be fully populated.

VXL RAM-32

VXL•30
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REPLACING RAM
If you wish to replace the factory installed RAM in VXL RAM-32, you must replace ALL of it with the same size and type of RAM. Note also the direction of the notches (or dimples) on the RAM.

KICKSTART ROM
If you want to install a Kick-Start ROM in the provided socket, you must purchase the ROM through Commodore or your dealer (Note: The ROM is sold in two versions dependant upon your Amiga motherboard revision). Insert it carefully, making very sure not to bend any pins. The notched end of the ROM should point towards the VXL-30.

POWER
If you have only the older, 35 watt A500 power supply powering your Amiga, you should consider replacing it with a heavier grade power supply or else reduce the number of your peripherals.

JUMPER SETTINGS
See the table in the Installatton documentation.

STANDOFFS
RAM-32 comes with a white plastic standoff (leg) installed in the lower right and upper left corner. Those legs should be replaced with longer ones if the VXL-30 is raised with a socket extension kit. To remove each leg, pinch the split head together with a pliers while pulling on the body.

REQUIRED PAL CHANGES TO VXL-30:
If your VXL-30 serial number starts with "V-2". you need to change PAL chips numbered 2, 7, 8, 10 and 12. V-1 boards need additional changes. V-3 needs no change. See separate notes.

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