

### 3.3 Volt regulator board installation

This section describes the installation of the 3.3 volt regulator board used for the IntelDX4 CPU.

The IntelDX4 CPU is a new member of the Intel 486 processor family based on the Intel 486DX2 microprocessor core. It offers features such as System management mode (SMM) and stop Clock Mode ideal for power management function. It's internal core frequency can operate to maximum of 100MHZ. It also operates with a 3.3 volt (Vcc) supply.

If the on board 3.3 volt regulator is not present, the 3.3 volt regulator must be installed before using the InterDX4 CPU. Please also refer to the steps below on how to install the 3.3 volt regulator.

Please also refer to page 2-2 for the correct CPU jumper selection.

1. Remove jumpers from connector PS3V.
2. Please the 3.3 volt regulator board as shown on the figure below with the correct pin orientation.

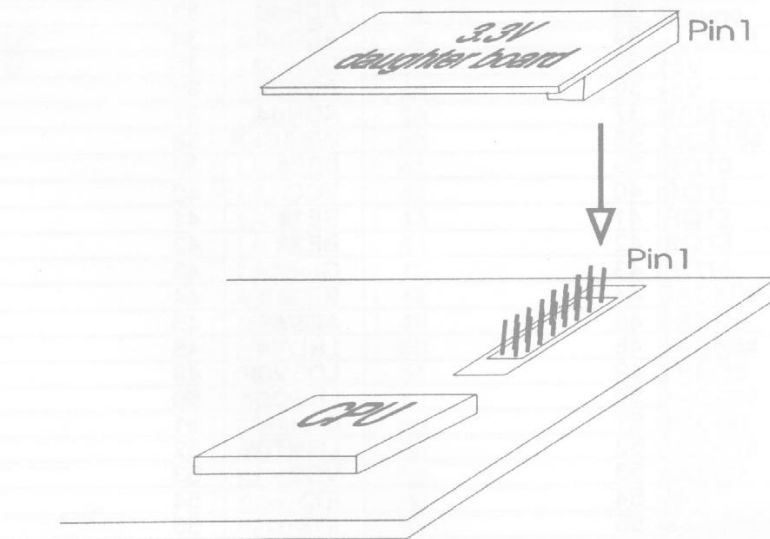


Figure 2 - 2. 3.3 volt regulator board installation