

ALPHA

U60C/U60 Installation Guide

Aug, 2001

X001ZF0L-02

Please verify that all parts are contained in the package per the following matrix.

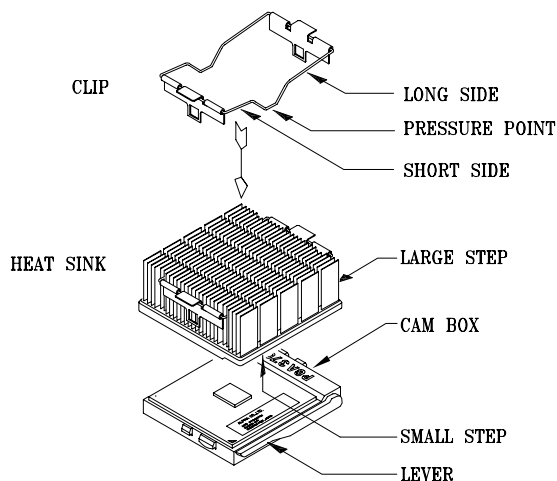
PARTS	QTY
HEAT SINK	1
CLIP CL57L1	1
THERMAL GREASE YG6260-5	1
PAD	1

Model

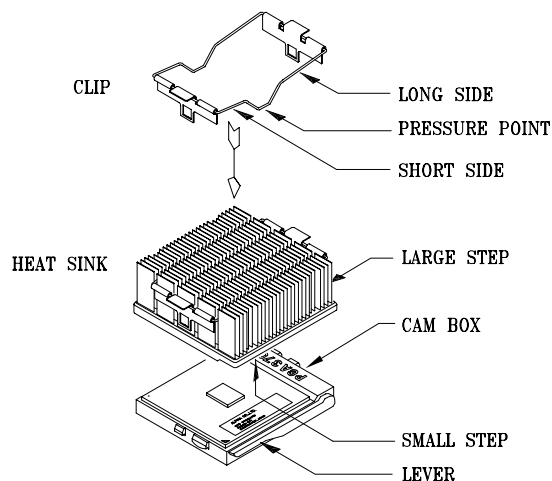
U60C-V25C, U60C-H25C
U60-V25C, U60-H25C

STEP 1 Make sure the heat sink does not interfere with socket lever etc before trying to assemble the heat sink unit. Note proper location of the steps in the heat sink base. The small step goes over the lever arm. The large step goes over the Socket cam box. Be sure to insert the clip in the direction shown in the following figure. Please note that the clip is asymmetrical, with an off-center pressure point. This pressure point must go directly over the CPU die. The long side of the clip goes over the side of the heat sink with large step machined in the base. This side of the clip then will attach to the cam box side of the CPU socket.

U60C-V25C , U60-V25C



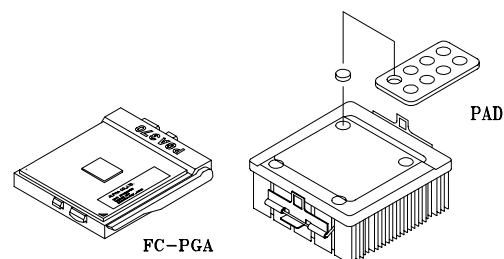
U60C-H25C , U60-H25C



STEP 2 The base is coated with oil that prevents oxidation. Remove this coating with a clean cloth. To ensure proper bonding of PADS (see below), the use of a mild solvent, such as isopropyl alcohol or acetone (nail polish remover), would be ideal.

STEP 3

- For the attachment to FC-PGA.
Apply PADS to the four points on the heat sink base shown in the right-hand side figure. (PADS which remain are spares.)
- For the attachment to Athlon, Duron and PPGA chips.
Do not use PADS.



STEP 5 Apply thermal grease to heat sink and CPU thinly and evenly.

NOTE : Applying excessive thermal grease causes decrease in thermal performance. To avoid possible board damage, do not use excessive force. Make sure the clip is installed correctly on socket tab.

STEP 6 Final assembly inspection:
 Prior to powering up the CPU, visually inspect the heatsink to ensure it is sitting level on the CPU. Ensure that the heat sink base is only making contact with the CPU die, not the socket cam box or lever arm.

information subject to change without notice.

Last modified : Aug , 2001