FP Dimmer

Dimmer racks

TNJLT099.doc

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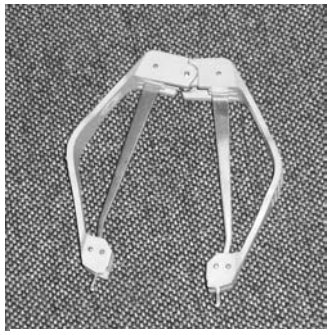
FP12 Software Upgrading

PRODUCTS AFFECTED:

- FP12 Rack Mount
- FP12 Wall Mount



PLCC chip extractor tool

TOOLS REQUIRED:

- screwdriver, Phillips, #2.
- PLCC chip extractor (see opposite).

PARTS REQUIRED:

- ZIC7300, 68HC705C8 CPU chip, pre-programmed.

PROCEDURE:

1. Turn the dimmer off and disconnect the dimmer from the power socket.
2. Remove the dimmer covers. For Wall Mount products, remove the right hand cover; for Rack Mount products remove the lid.
3. Locate the CPU chip, referring to FIG 1. Insert the tangs of the PLCC Chip Extractor tool into the diagonally opposite slots of the socket and squeeze the arms of the tool to grasp the chip. Ensure the hook of each tang is now under the chip.
4. Use the tool to gently ease the CPU chip out of the socket, noting the chip orientation.
5. Place the new CPU chip over the socket, maintaining the same orientation as the one that was removed. Use FIG 1 to double check the location of the chamfered corner and bevelled edge.
6. Keeping the CPU chip as flat as possible, gently press it evenly all the way into the socket.
7. Replace covers and check for correct operation.

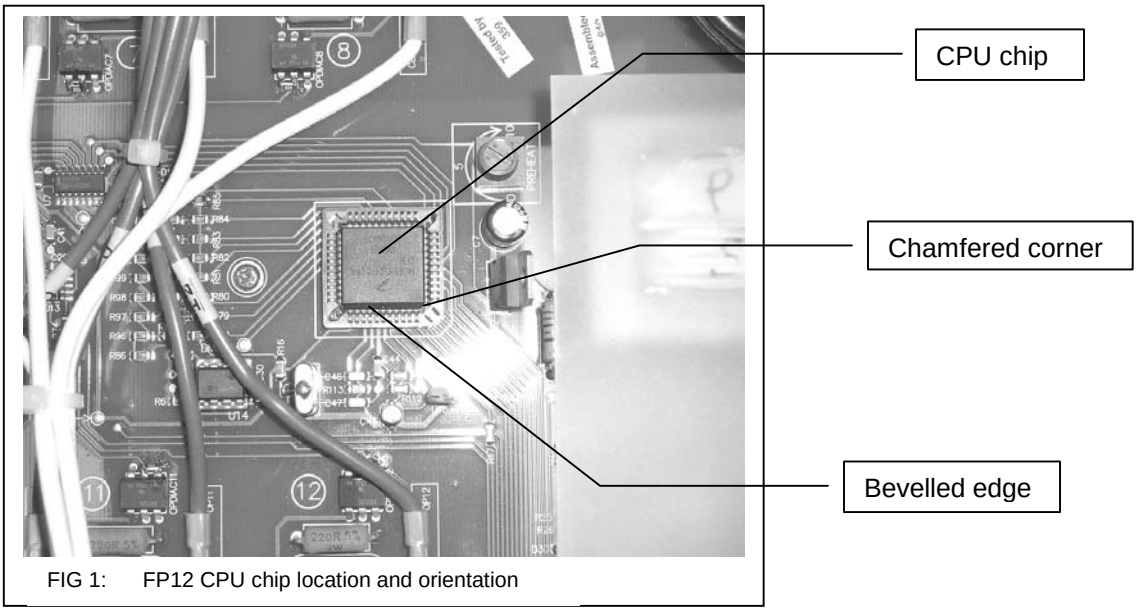


FIG 1: FP12 CPU chip location and orientation

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