

Installation of firmware

Find enclosed an *Erasable Programmable Read Only Memory (EPROM)* integrated circuit. This I.C. contains the latest version of software for your device supplied by *Unique Micro Design*.

As the software is stored permanently in the I.C. it is sometimes referred to as "firmware" as it is both hardware and software.

Instructions

Avoid touching the legs of the I.C. - static electricity is hazardous to it. Leave the I.C. in the conductive foam/tube until you are ready to install it.

- 1) Remove power from the device.
- 2) Take apart the housing by unscrewing to exposed the printed circuit board.
- 3) Note the position and orientation of the EPROM on the circuit board. The semi-circular notch on the EPROM indicates which leg of the I.C. is pin 1.
- 4) Remove the old EPROM from the socket by carefully prising loose the I.C. with a flat head screwdriver by inserting the screwdriver between the I.C. and the socket, alternating between both ends until you can free the I.C. with your hands. Try to not bend the legs.
- 5) Now place the new EPROM into the socket with the same orientation as the old EPROM. Ensure that the legs are all successfully inserted - sometimes the legs bend under the I.C., appearing to have gone into the socket.
- 6) Again check the orientation of the I.C. and the condition of the legs.
- 7) Screw the housing back together, being careful to not over-tighten the screws.
- 8) Power up the device. If it is not operational, the I.C. has been incorrectly placed in the socket and the installation procedure must be repeated.
- 9) Post the replaced EPROM back to *Unique Micro Design* once your are satisfied with the correct operation of the updated firmware.

Further information

For further information, contact Unique Micro Design.