

► Trio Motion Technology ◀

Technical Bulletin

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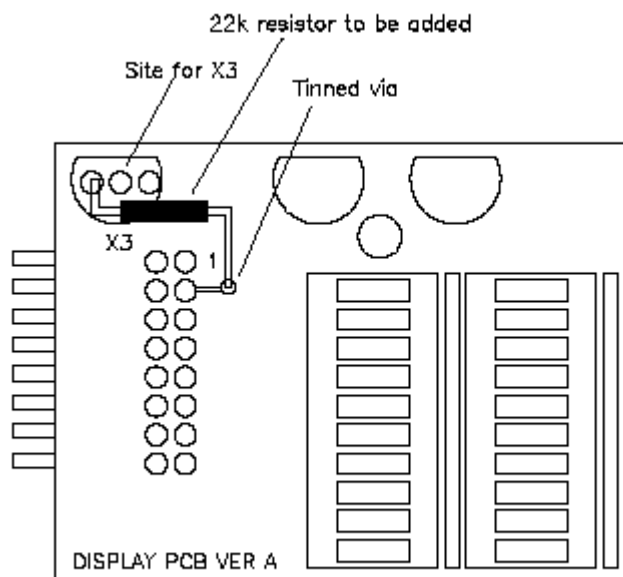
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Subject: Serial Communication problem on MC204 without Fibre-optic interface.

This bulletin is applicable to any MC204 supplied before the beginning of 1999 **WITHOUT FIBRE OPTIC** interface.

A problem has been identified which can cause occasional serial communications difficulties on port 0 and port 1 of the MC204 Motion Coordinator. *This problem only occurs on systems which are not fitted with the fibre-optic interface.*

The problem can be fixed by fitting an LED display board (P335) with an additional resistor fitted. Trio will supply these free of charge to any customers with an MC204 without the fibre-optic interface. The problem does not damage the MC204 in any way, but can affect software operation.

It is also possible to easily modify an existing LED display by the addition of one through-hole resistor:



The resistor to be added should be approximately 22k 1/4W or 1/2W type.

In many systems the problem is never seen and on affected systems the problem only concerns serial communications. Trio therefore recommend that already installed systems are not retro-fitted with the modification unless their everyday operation involves serial communications on port 1 or port 0.