



CODAN

SERVICE BULLETIN

Remote control interface 8571 underrated capacitor

Introduction

This service bulletin affects the users of the 8571 microprocessor and transceiver interface, part number 08-03993. The regulator, part number OM788, that was originally fitted on the assembly of the microprocessor and transceiver interface has been replaced with a different regulator, part number LM2940-10. The new regulator requires a capacitor of higher value to maintain output stability. The 1 μF capacitor that is currently fitted for C31 must be replaced with a 10 μF capacitor, part number 47-11002-510. The 10 μF capacitor filters the oscillation so the regulator output is stable.

A similar change has been made to the dual line equaliser. The 2.2 μF capacitor that has been fitted for C6 is of adequate value but, to avoid potential oscillation problems, the capacitor should also be replaced with a 10 μF capacitor.

Symptom

The underrated capacitor affects the operation of the new regulator. The regulator may not be able to maintain constant output stability due to the value of the capacitor. This can result in unwanted oscillation.

Action

Those customers that have a 8571 remote control interface should modify the microprocessor and transceiver interface by replacing the 1 μF capacitor with the recommended 10 μF capacitor.

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