

MICROCONTROLLER TECHNOLOGY OTP PROGRAMMER SUPPORT APPLICATION NOTE

SUBJECT: EPU - Secured COP8SAx7 devices don't work.

PROBLEM and SYMPTOMS:

With older COP8SA-EPU's, when the security bit is programmed, AND a particular clock option is selected, the clock option is changed in the device.

Secured devices don't work in the circuit. Unsecured devices work OK.

SCOPE:

This problem can occur only with the COP8SA-EPU, and only when COP8SAx7 devices are secured WITH the crystal clock option selected.

Other clock options do not cause the problem, and secured devices work OK.

SOLUTIONS:

1. The EPU has a programmed COP8 on the PCB which needs to be updated to version 1.9 or later. Pre-programmed devices can be obtained from Metalink at no charge. Contact your local Metalink distributor for assistance.

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