

Re: mc68332 embedded programming problems

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- *From:* Rene Tschaggelar <none@xxxxxxxx>
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Amateur.N7TZG@xxxxxxxx wrote:

Hi all,

I am trying very unsuccessfully to load my code from my Flash into ram, and then jump to ram. I am finding 2 issues:

1. I can only load so many bytes to ram before the system resets.

This is not understood. Why does the system reset ?
Is there a watchdog ?

2. when i make a jump to the code in ram space, the chip wanders off and gets lost, not knowing where it is going. I have examined ram memory through the bdm port, and I find that the instructions are there just before the jump, but it hangs up when I jump.

Yes, this stuff is tricky. Consider interrupts, consider the stack, what code is loaded to RAM ?
Was the code linked to run at the specified location ?
With absolute or relative jumps within the code ?
Are there segment registers ?

Rene

Ing. Buero R. Tschaggelar – <http://www.ibrtses.com>
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