

Re: Warning on migrating to ATmega8515 – eeprom problem

Source: <http://coding.derkeiler.com/Archive/General/comp.arch.embedded/2004-11/0060.html>

From: CBFalconer (cbfalconer_at_yahoo.com)

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Ulf Samuelsson wrote:

> "Mike Harrison" <mike@whitewing.co.uk> skrev i meddelandet
>
> ... snip ...
>>
>> *The problem actually 'occurred' a few years ago when we were
>> forced to migrate from the 4414 to the 90S8515 when the 4414 was
>> obsolete, then only manifested itself when we again were forced
>> to change to a new part due to the 8515 going obsolete.*
>>
>> *Most of us are too busy developing new products to spend a lot of
>> time re-examining code written years ago that breaks when put on
>> a new, supposedly 'compatible' part.....*
>
> *I think this email went a bit premature. I meant to say:
> You need to read more carefully to see that most registers ARE in
> fact initialized even on the ATmegaAVR.*
>
> *I dont think it is reasonable to expect to see that the EEAR is not
> initialized and I think it *should* be in the migration document.*

I have been idly following this thread, and as far as I am concerned that new device has a serious bug. It obviously cannot run code developed for earlier products without changes, so cannot be used as a replacement. It would have taken little effort to set that register in a known harmless condition on reset.

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