

## Re: uC selection

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*Source:* <http://sci.tech-archive.net/Archive/sci.electronics.design/2008-03/msg03127.html>

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- *From:* [nico@xxxxxxxxxxx](mailto:nico@xxxxxxxxxxx) (Nico Coesel)
  - *Date:* Tue, 18 Mar 2008 19:36:23 GMT
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DJ Delorie <[dj@xxxxxxxxxxx](mailto:dj@xxxxxxxxxxx)> wrote:

[nico@xxxxxxxxxxx](mailto:nico@xxxxxxxxxxx) (Nico Coesel) writes:

Free and student versions are crippled on purpose (not all optimisation options available).

So? Download the sources and build yourself an uncrippled version.

That is not so easy because MIPS is not the most common architecture. I'm working on getting GCC 4.1.2 + Glibc + binutils compiled for MIPS using crosstool but there are some problems with getting the right versions together and using the proper settings.

Microchip is required to provide you with the sources to THEIR tools, so you shouldn't have to worry about getting the right versions. Download Microchip's gcc sources and build it, then use it in place of the student version. This is what the GPL is all about.

If you can't get the exact sources to the distributed Microchip gcc, then Microchip is not obeying gcc's license.

Like I said: the version they offer is too old –they offer the sources–. Okay, software will compile but there are problems with handling long long (64 bits integers) and the syntax checking isn't strict enough to meet modern standards.

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Programmeren in Almere?  
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