

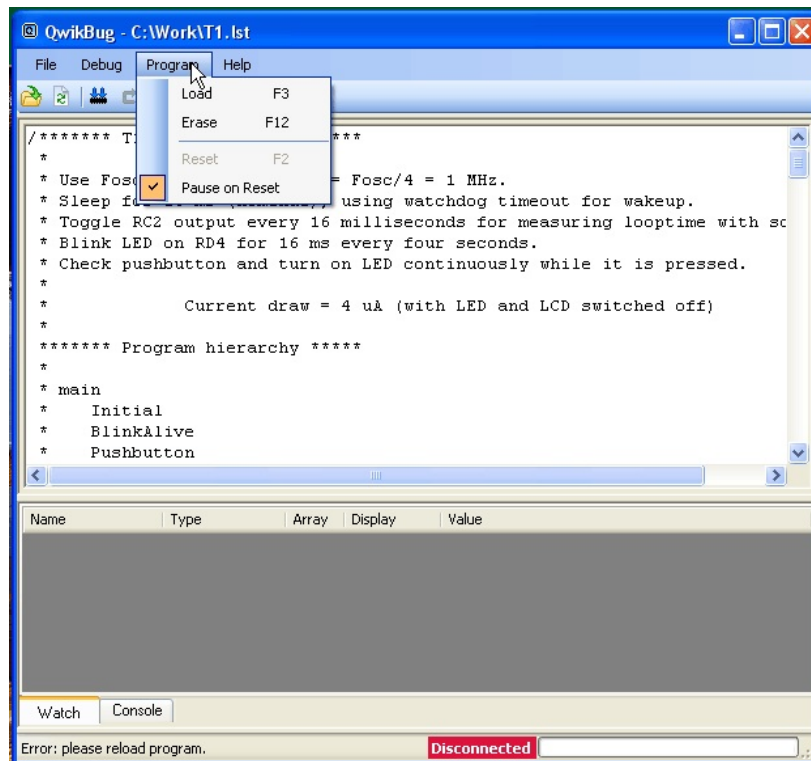
**Memo to:** ECE 4175 students  
**From:** John Peatman  
**Subject:** QwikBug issue  
**Date:** February 19, 2009

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When you try to download code to the board using QwikBug and you get the dreaded message,



check to make sure that the board is powered (switch on and for the Qwik&Low Development Board, the H4 jumper is in place). Then clear this message, toggle the power off and on and try to download again. This takes advantage of the default "Pause on Reset" feature of QwikBug that prevents the 4321 chip from running a user program coming out of reset and putting QwikBug in control.



✓ **Alternatively**, press the reset button on the board and the F12 (erase) button simultaneously, rapidly, and repeatedly a dozen or so times. The intent is to produce the sequence — reset, run QwikBug initially (before progressing to the installed user program), and telling QwikBug to erase the user program. Once erased, the CPU will let QwikBug pay undivided attention to its functions.