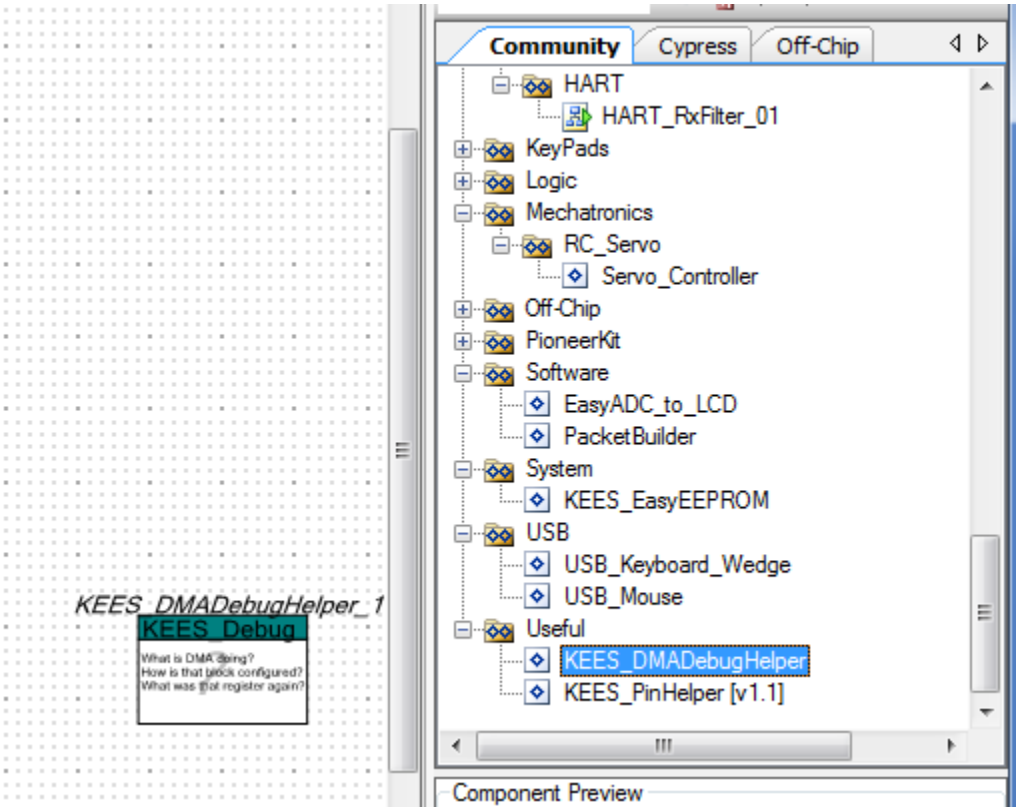
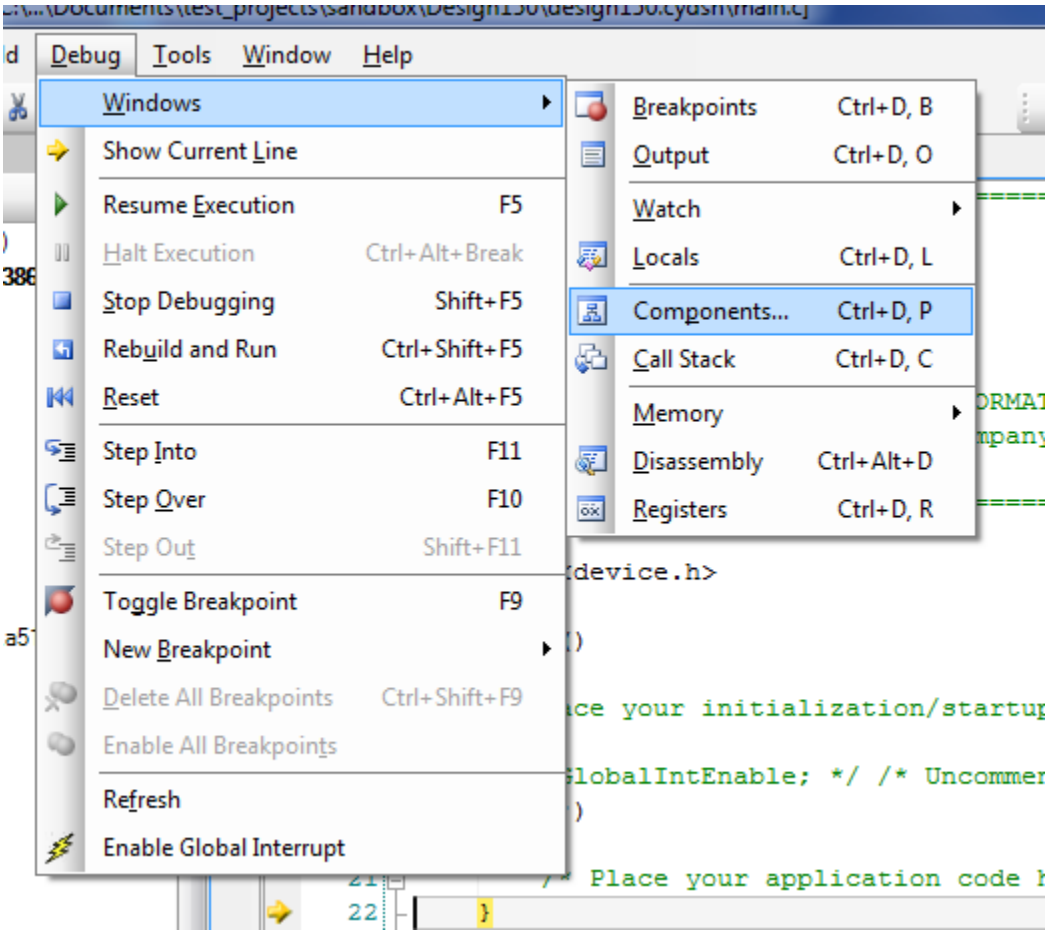
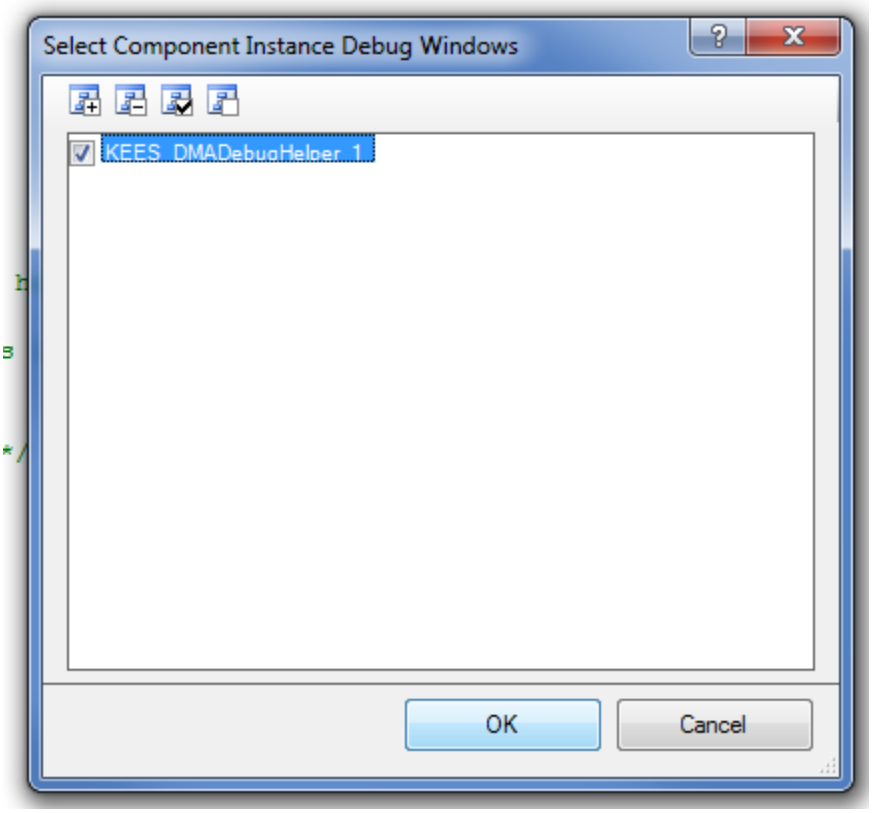
The KEES_DMADebug_Helper component groups all of the registers associated with the PHUB into one location for easy debugging. To add this feature, simply add the KEES_DMADebugHelper component into your schematic. It does not add any code, it only provides access to the .cycdx file needed for the component debugger.



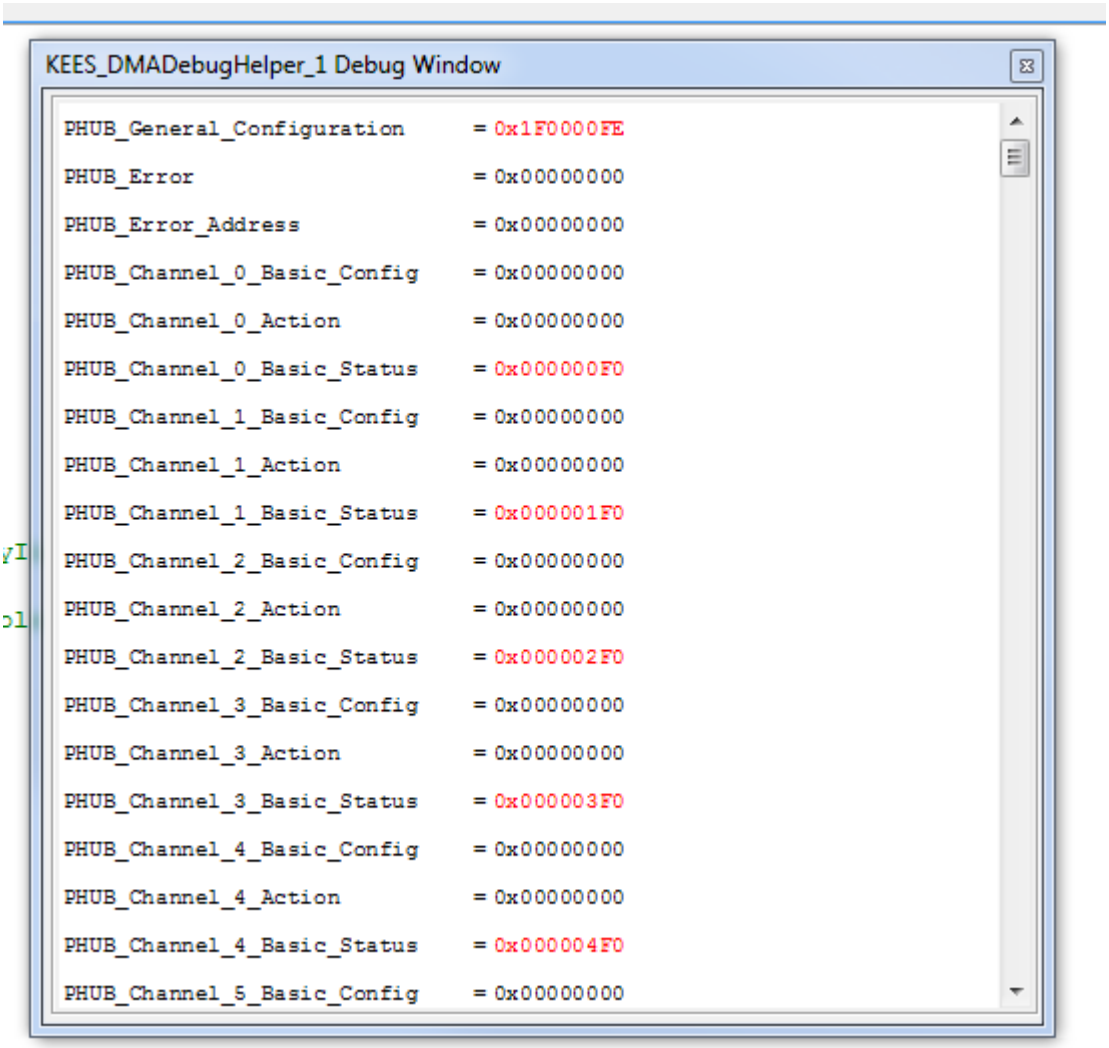
Once you have started debugging, you can find the DMA Debugging helper component in the Debug->Windows->Components window:



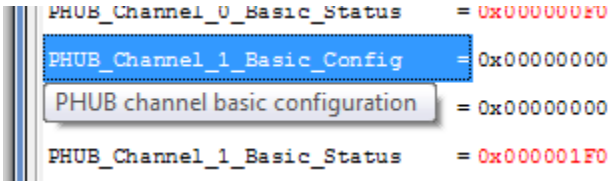
Check the box next to the KEES_DMADebugHelper component and click “OK”



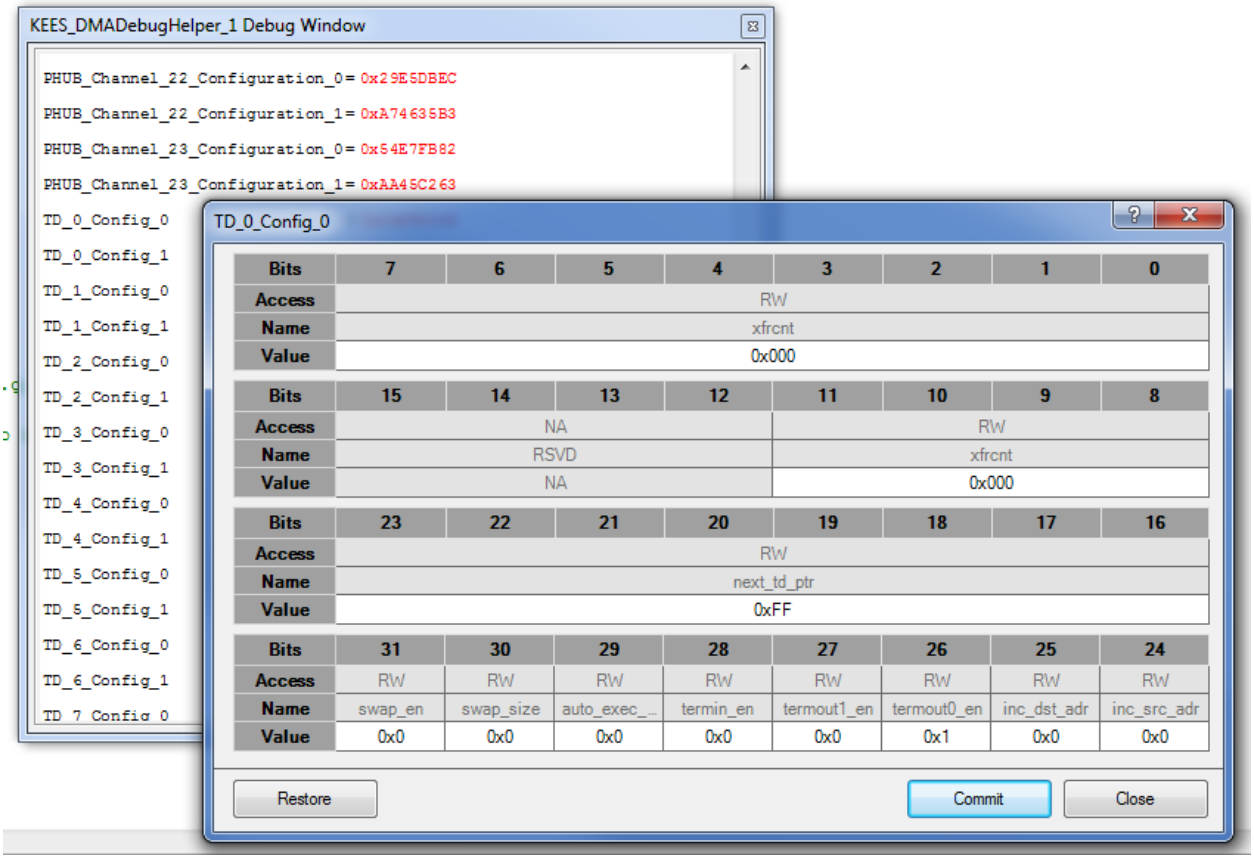
It will open a new debugging window with all of the PHUB (DMA) registers contained within (make sure you Debug->Refresh to get the right information, CDT# 144250)



Hovering over a register will give some useful information:

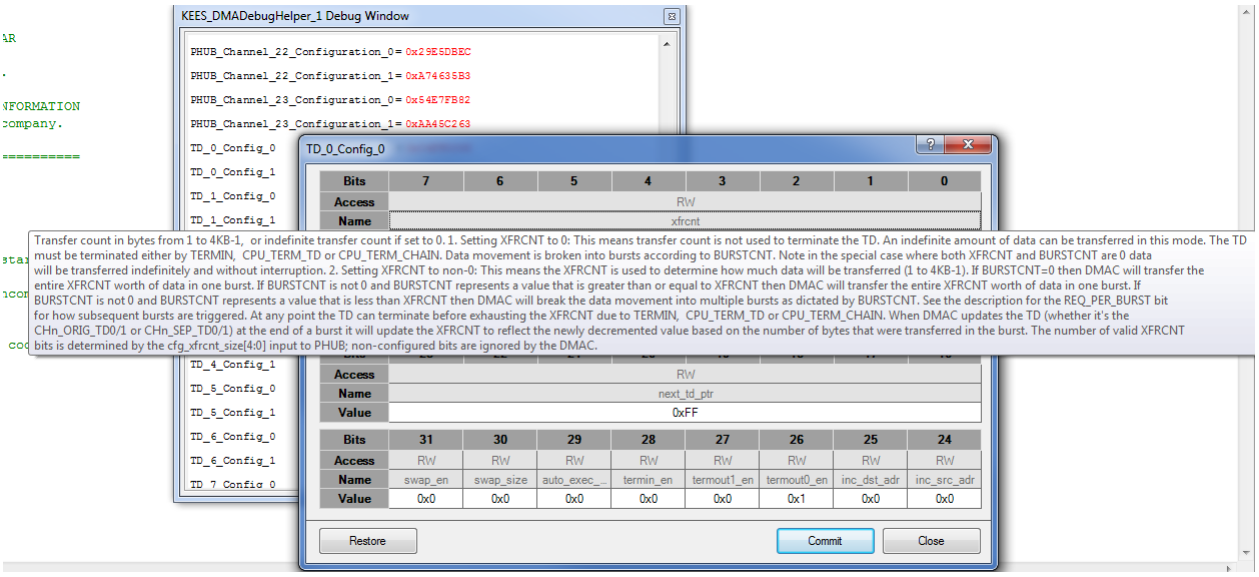


Double clicking on a register will bring up detailed information about that register:



(When the register dialog box opens, it will be the wrong size, every time. CDT# 153768)

Hovering over a field in the register window will bring up the RDL information for that field:



And hovering over the value field will also sometimes provide a short list of options and descriptions:

