

## QUALIFIEDBRK.MAC

### *A Command Language Macro Application Note*

#### OVERVIEW

SourcePoint's powerful command language is extremely useful for automating tasks. It uses an interpreted scripting language that is very similar to the common C programming language. QualifiedBrk.MAC is an example of a SourcePoint™ command language macro. It's purpose is to set a processor breakpoint on access to port 80h and then run the target until a specified value is accessed at port 80h.

The operation of this macro is as follows:

1. It clears all existing breakpoints and then sets a processor breakpoint on byte access to port 80h.
2. Sets the processor running at full speed by issuance of a 'GO' command.
3. Processor stops when port 80h is accessed.
4. The emulator checks the value that was accessed at port 80h.
5. If the value accessed is not the specified value, it goes back to step #2 above.

If the value accessed was the specified value, the processor remains stopped and a message is displayed in the command window indicating so.

The macro is loaded from within SourcePoint by clicking on: File|Macro|Load Macro

It is then invoked from the command window by entering the following at the command prompt:

**qualbrk(stopvalue) <cr>**

Where:

**Stopvalue** is the port 80h value that the emulator is to check for.