

Dear John,

I've been using wine on my Mac. The "tim" script becomes:

```
    echo ""
    echo "Assembling DSP code for the VIRUS 2k CCD array"
    echo ""
#
# DOWNLOAD selects application code to be loaded from EEPROM or
# downloaded from the host over the fiber optic link
#
# DOWNLOAD = HOST or ROM

DOWNLOAD=HOST
WAVEFORM_FILE=VIRUS.waveforms
DST_FILE=tim

wine /opt/clas563/bin/asm56300 -b -ltim.ls -d DOWNLOAD $DOWNLOAD -d
WAVEFORM_FILE "$WAVEFORM_FILE" tim.asm
wine /opt/clas563/bin/dsplnk -btim.cld -v tim.cln
rm -f "$DST_FILE".lod
wine /opt/clas563/bin/cldlod tim.cld > "$DST_FILE".lod
rm tim.cln ; rm tim.cld

if [ "$DOWNLOAD" = "HOST" ] ; then
    echo ""
    echo "Created file 'tim.lod' for downloading over optical fiber"
    echo ""
fi

if [ "$DOWNLOAD" = "ROM" ] ; then
    echo ""
    echo "Created Motorola S-record file 'tim.s' for EEPROM burning"
    echo ""
    srec -bs tim.lod
    rm tim.lod
fi
```

My systems guy installed wine on my Mac, so I can't tell you directly what's involved. But once its installed its very nice because it all runs natively under MacOS.

The Windows script is:

```
echo off
```

```
rem 250MHz Version
rem DOWNLOAD selects application code to be loaded from EEPROM or
rem downloaded from the host over the fiber optic link
rem DOWNLOAD = HOST or EEPROM
```

```
SET DOWNLOAD=HOST
SET WAVEFORM_FILE=AladdinIII.waveforms
SET DST_FILE=tim
```

```
asm56300 -b -ltim.ls -d DOWNLOAD %DOWNLOAD% -d WAVEFORM_FILE
%WAVEFORM_FILE% tim.asm
dsplnk -btim.cld -v tim.cln
del "%DST_FILE%".lod
cldlod tim.cld > "%DST_FILE%".lod
del tim.cln
del tim.cld
```

```
if "%DOWNLOAD%" == "HOST" (
    echo on
    echo Created file 'tim.lod' for downloading over optical fiber
    echo off
)
```

```
if "%DOWNLOAD%" == "EEPROM" (
    echo on
    echo Created Motorola S-record file 'tim.s' for EEPROM burning
    echo off
    srec -bs tim.lod
    del tim.lod
)
```

```
echo on
```

Bob

On May 13, 2011, at 10:20 AM, John Monnier wrote:

hi bob,

as i discussed with you in the past, I am trying to learn how to compile my DSP code under windows instead of solaris.

I am trying to do this on a mac. I see two options

a) I have installed parallels running windows 7. I have downloaded the GenII scripts and the

56300 compiler from your website. However, I have no idea how to run this under windows. do you have any documentation or help in this regard?

b) I could try to install wine under mac os 10.6. And then try to run the same windows stuff. although also I don't have any documentation.

Could you help me out a little? Are the xp/vista resource compatible with windows 7?

thanks so much,

john

ps. we will need to mail you back a card to fix some blown outputs some time this summer. would this be ok?

You kindly did this for us in 2009, but we unfortunatly have blown a few more outputs trying to debug our problem. we hope to solve this problem soon.