************************Default************************
pico-ice with Digilent PmodVGA program using PipelineC
oss-cad-suite
ghdl
ghdl-yosys-plugin
Raspberry Pi5 8Gb
blue blinky led
uart-echo
12/06/24
************************Default************************

git clone https://github.com/develone/PipelineC.git -b test-dev.

Note: The oss-cad-suite for arm does not include ghdl & ghdl-yosys-plugin.

Download from https://github.com/YosysHQ/oss-cad-suite-build/releases/
oss-cad-suite-linux-arm64-20241128.tgz
   export PATH="/home/devel/oss-cad-suite/bin:$PATH"

   git clone https://github.com/ghdl/ghdl
   cd ghdl
   ./configure --with-llvm-config
   make
   sudo make install
   git clone https://github.com/ghdl/ghdl-yosys-plugin.git
   cd ghdl-yosys-plugin
   make
   sudo make install

   export PIPELINEC_REPO="$HOME/PipelineC"
devel@pi5-80:~/pico-ice/PipelineC/vga-pll/ice_makefile_pipelinec $
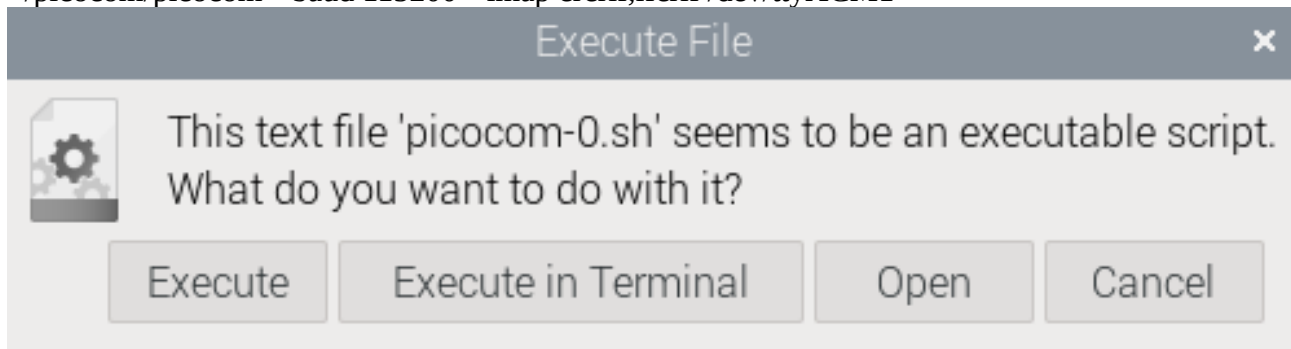make pipelinec
make gateware.bin
bin2uf2 -o gateware.uf2 gateware.bin
co gateware.uf2 /media/devel/pico-ice
picocom-0.sh
#!/bin/bash
~/picocom/picocom --baud 115200 --imap crcrlf,lfcrlf /dev/ttyACM1

Depress Execute in Terminal

File   Edit   Tabs   Help

```
parity is        : none
databits are     : 8
stopbits are     : 1
escape is        : C-a
local echo is    : no
noinit is        : no
noreset is       : no
nangup is        : no
nolock is        : no
send_cmd is      : sz -vv
receive_cmd is : rz -vv -E
imap is          : crcrlf,lfcrlf,
omap is          :
emap is          : crcrlf,delbs,
logfile is       : none
initstring       : none
exit_after is    : not set
exit is          : no

Type [C-a] [C-h] to see available commands
Terminal ready
jUST RECEIVED MY vga pmod.  iT HADT DELAYED IN aNCHORAGE aK. COMING FROM nEW tAI
PEI cITY, tw. i JUST ORDERED 2 UNITS ON 12/01/24 tHIS IS WAS PROGRAMMED WITH pIP
ELINEc i SUPPORTS THE UART ALSO
```

Uart echo

pico-ice with PMODVGA