

*****Default*****
pico-ice with Digilent PmodVGA program using PipelineC
oss-cad-suite
ghdl
ghdl-yosys-plugin
Raspberry Pi5 8Gb
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 gateway.bin
```

```
bin2uf2 -o gateway.uf2 gateway.bin
```

```
co gateway.uf2 /media/devel/pico-ice
```



pico-ice with PMODVGA

