**********Defualt**********

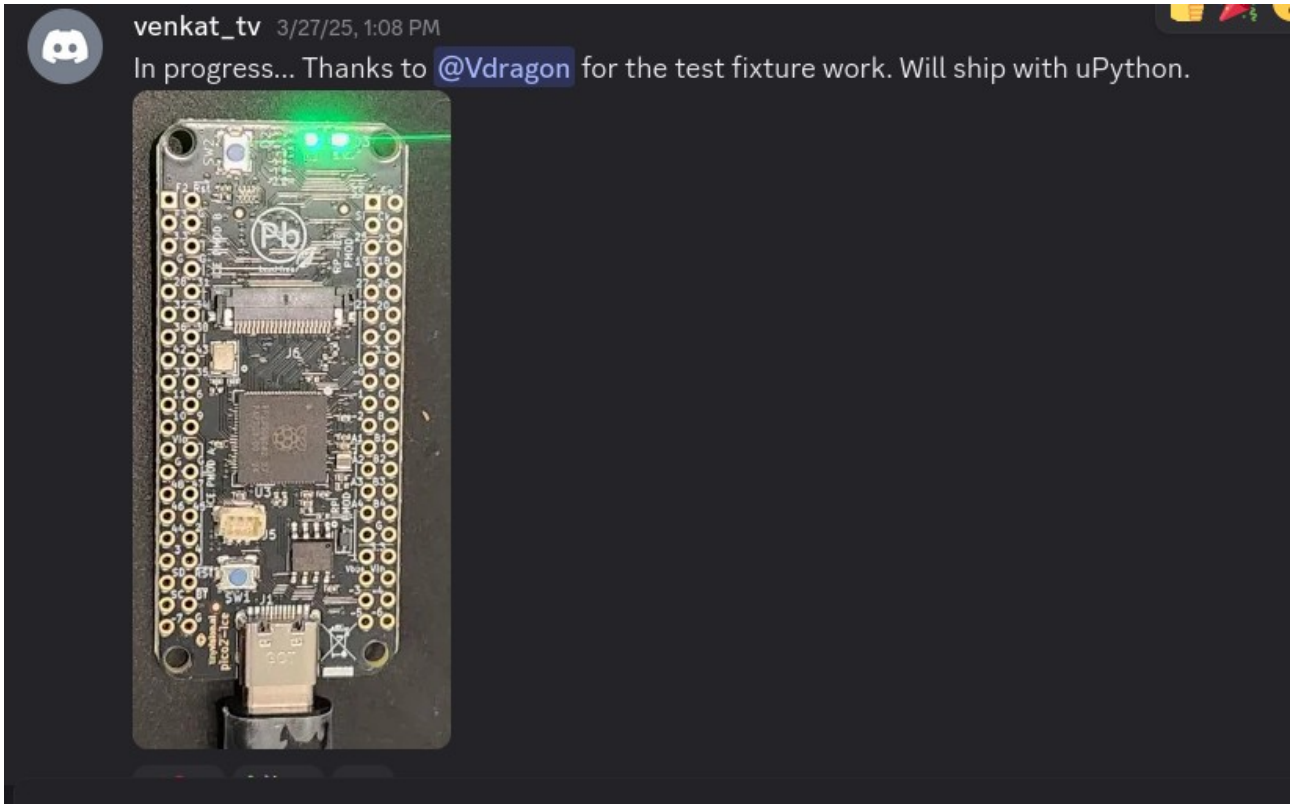
pico2-ice rev1

04/09/25

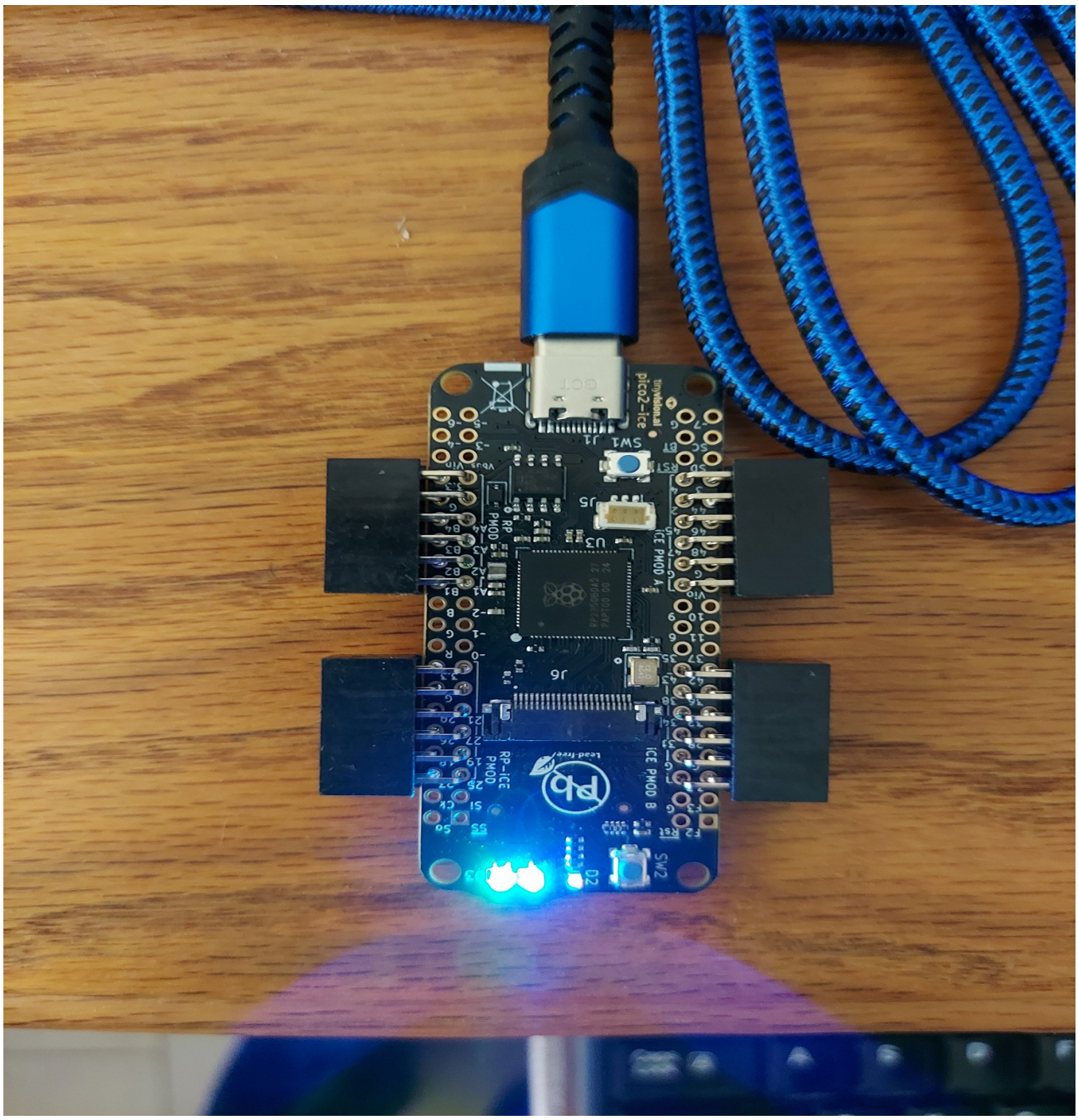
**********Defualt**********

This version was received 04/05/25 from tinyvison.ai

This image was posted before shipped.



pico2-with pmods



/dev/ttyACM0
  https://pico-ice.tinyvision.ai/group__ice__usb.html#autotoc_md2

pico2-ice>

pico-ice default firmware
   https://github.com/tinyvision-ai-inc/pico-ice/tree/main/Firmware/pico-ice-default

Serial port #0 - this shell, with commands:
  v - print pico-ice-sdk version

Serial port #1 - forwarding to UART
  UART TX on RP20 = ICE27

```
  UART RX on RP30 = ICE25

Serial port #2 - forwarding to SPI:
  https://pico-ice.tinyvision.ai/group__ice__usb.html#autotoc_md2

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Serial port #2 - forwarding to SPI:
  https://pico-ice.tinyvision.ai/group__ice__usb.html#autotoc_md2

pico2-ice>
```
xx

```
devel@pi5-90:~ $ git clone https://github.com/develone/pico2-ice.git -b test-dev
Cloning into 'pico2-ice'...
remote: Enumerating objects: 304, done.
remote: Counting objects: 100% (304/304), done.
remote: Compressing objects: 100% (203/203), done.
remote: Total 304 (delta 134), reused 239 (delta 73), pack-reused 0 (from 0)
Receiving objects: 100% (304/304), 10.71 MiB | 19.62 MiB/s, done.
Resolving deltas: 100% (134/134), done.
devel@pi5-90:~ $ cd pico2-ice/
```

xx

```python
from machine import Pin
import ice
fpga = ice.fpga(cdone=Pin(40), clock=Pin(21), creset=Pin(31), cram_cs=Pin(5), cram_mosi=Pin(4), cram_sck=Pin(6), frequency=48)
file = open("bitstream.bin", "br")
fpga.start()
fpga.cram(file)
```

pico2-ice rev1

https://pico-ice.tinyvision.ai/group__ice__usb.html#autotoc_md2

pico2-ice>

pico-ice default firmware
https://github.com/develone/pico2-ice/blob/test-dev/Firmware/pico2-ice-default/pico2_ice_default.uf2
https://github.com/tinyvision-ai-inc/pico-ice/tree/main/Firmware/pico-ice-default

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Serial port #0 - this shell, with commands:
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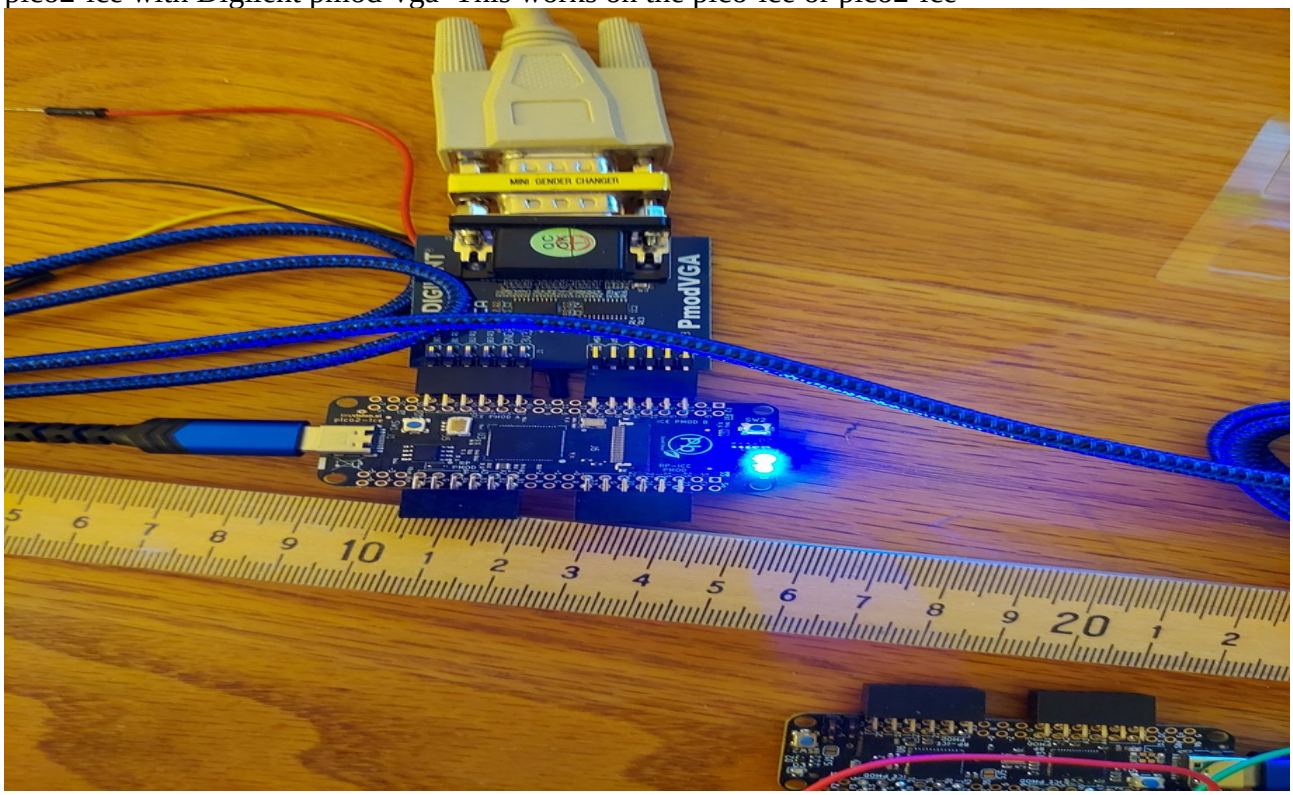
xxx
pico2-ice with Digilent pmod-vga This works on the pico-ice or pico2-ice



xxx

xxx

xx

Serial port #1 - forwarding to UART
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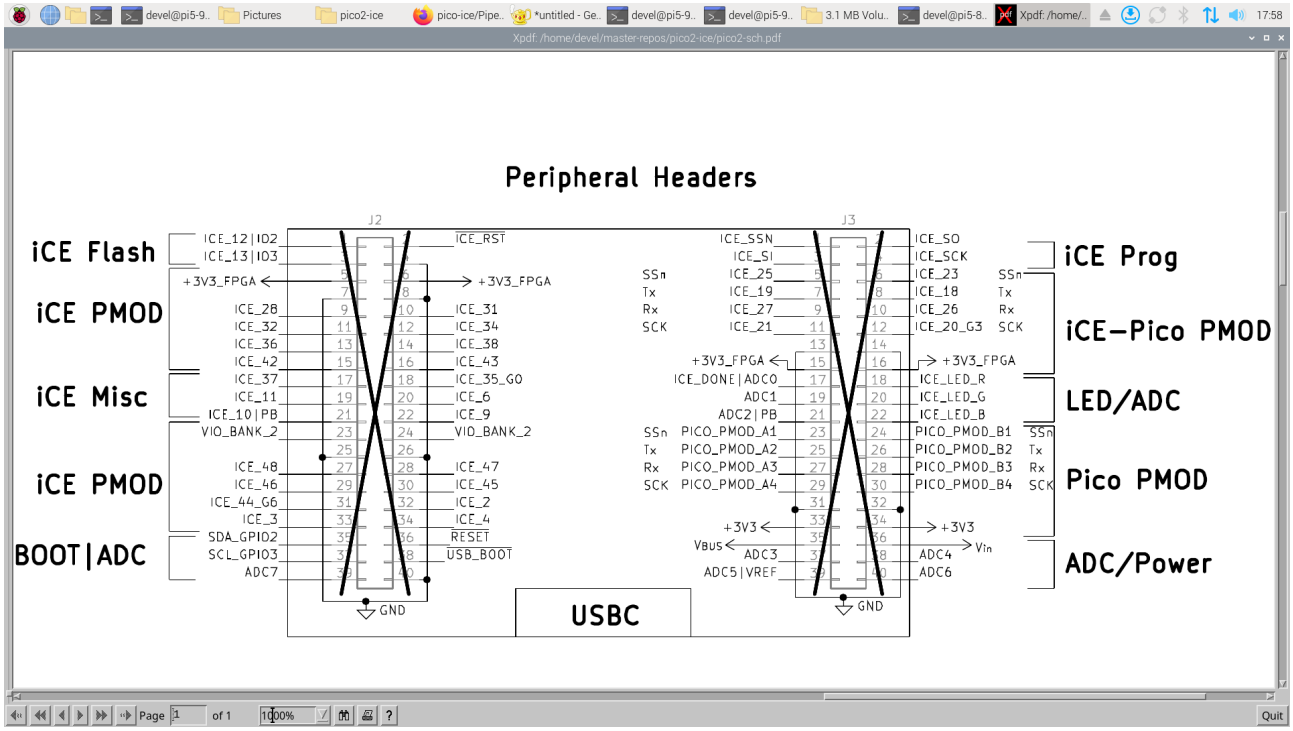
  UART RX on RP30 = ICE25

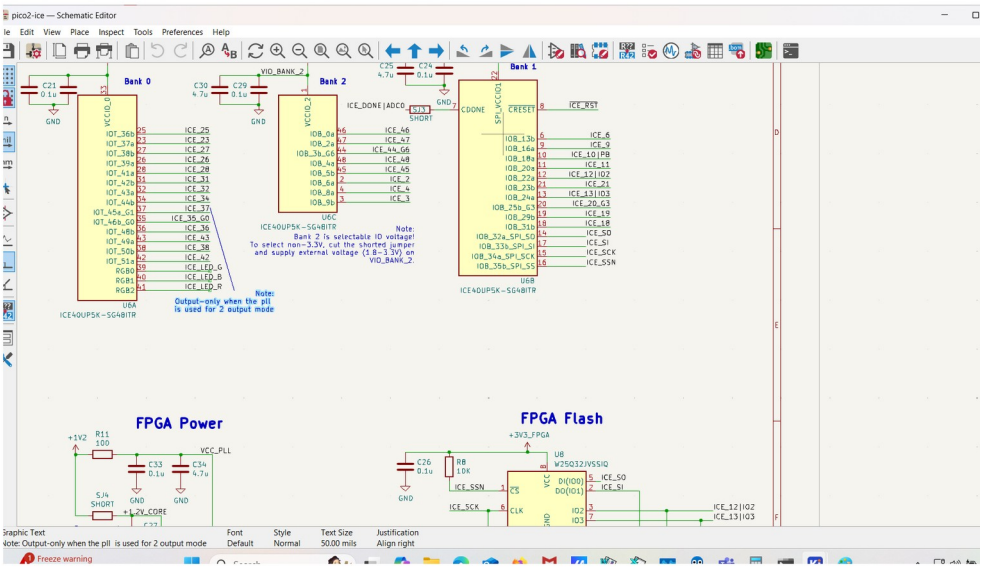
Serial port #2 - forwarding to SPI:
  https://pico-ice.tinyvision.ai/group__ice__usb.html#autotoc_md2

xx

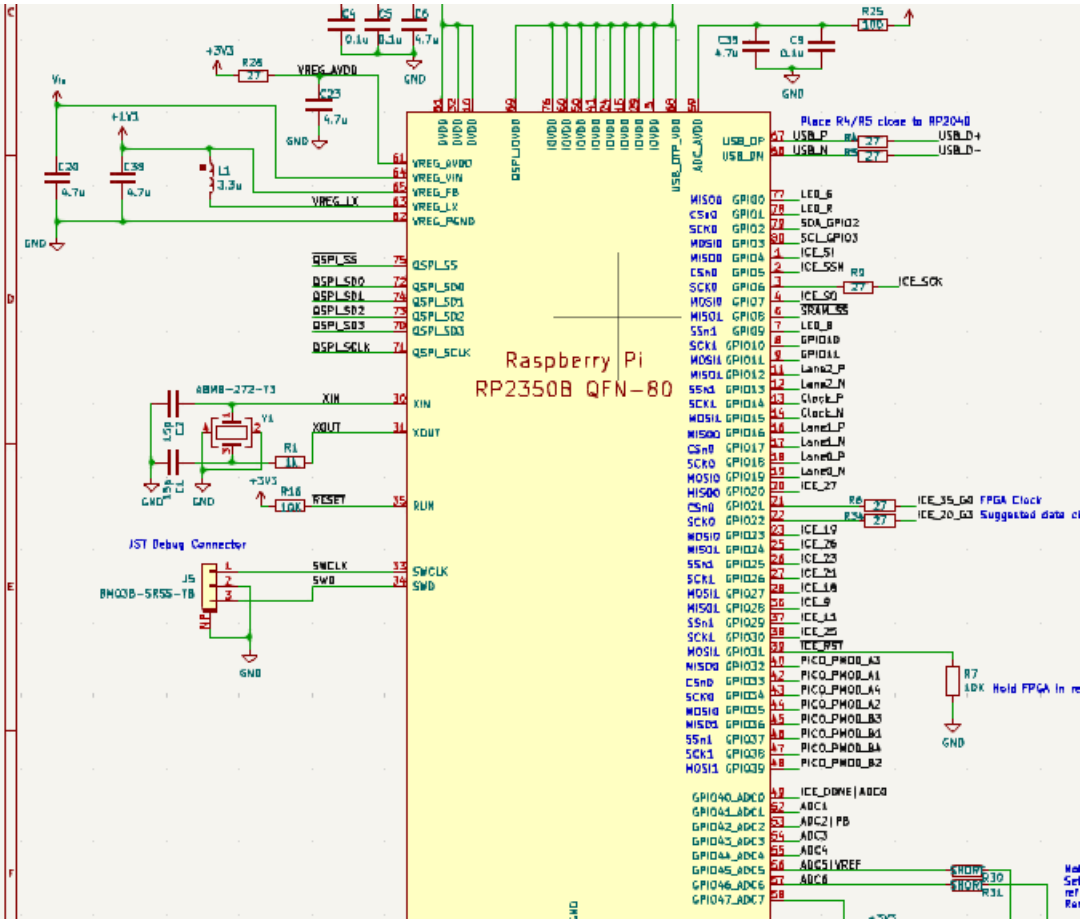


xx

pico2-ice>
xx



xx
RP2350


Raspberry Pi
RP2350B QFN-80
Place R4/R5 close to RP2040
JST Debug Connector
ICE_SCK
ICE_35_G0 FPGA Clock
ICE_20_G3 Suggested data cl
Hold FPGA in re

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