Inhaltsverzeichnis

First success building Blinky on PicoW	3
Installing msys2 mingw64.	
Run	
Directory Structure	
Links	
	••••

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Started at 17.04.2023

Download Picoprobe binary Label: picoprobe-cmsis-v1.02

TRAP: Datei picoprobe.uf2 benutzen; nicht debugprobe.uf2

Get Openocd original Binary No longer need to compile

TRAP: Use direct placed binary

https://github.com/openocd-org/openocd/releases

openocd-v0.12.0-i686-w64-mingw32.tar.gz

Hint: libusb error message is away Extract only bin scripts directory

git portable unpack with 7z

cmake x64 ZIP

First success building Blinky on PicoW

Installing msys2 mingw64

As described in Getting startet with Pico Appendix A: Using Picoprobe Build OpenOCD Windows

Download and run the installer from https://www.msys2.org/

into

bin\msys2

call msys2.exe

execute update commands in prompt after calling msys2.exe

pacman -Syu

pacman -Su

pacman -S mingw-w64-x86_64-toolchain

Only add toolchain ... differs from advice in getting started manual

Insert into

SetEnv.bat

only add

bin\msys2\mingw64\bin

to the path

Don't add path

bin\msys2

Dont add env value

set CXX=gcc

Dont need to add Wifi parameters in Cmake call

Run

First run in eclipe debug does not start

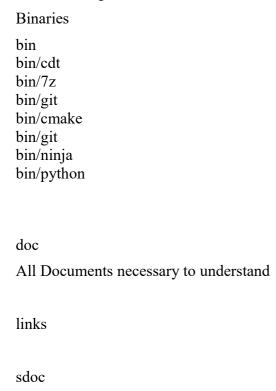
give

reset run

in openocd debug terminal

Or separate start wit power off on

Directory Structure



Self created documents(e.G. this)

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	3

https://www.raspberrypi.com/documentation/

https://www.raspberrypi.com/documentation/microcontrollers/raspberry-pi-pico.html

https://datasheets.raspberrypi.com/

https://www.raspberrypi.com/documentation/microcontrollers/debug-probe.html

Load picoprobe binary

 $\underline{https://github.com/raspberrypi/picoprobe/releases/latest/download/debugprobe.uf2}$

https://github.com/raspberrypi/picoprobe/releases

Get Openocd Windows Binaries

https://github.com/xpack-dev-tools/openocd-xpack/releases

Putty

https://www.chiark.greenend.org.uk/~sgtatham/putty/latest.html

https://git-scm.com/download/win

https://cmake.org/

Cmake tutorial

 $\underline{https://github.com/TheErk/CMake-tutorial/blob/master/precompiled-PDFs/2016-09-27-CMake-tutorial.pdf}$

Prebuild openocd from rpi

No

https://github.com/raspberrypi/pico-setup-windows/releases/tag/v0.5.1

Yes

https://github.com/openocd-org/openocd/releases

Ninja

https://github.com/ninja-build/ninja/releases

https://www.eclipse.org/downloads/packages/

Eclipse IDE for Embedded C/C++ Developers