

Refer to one doc previously(what is bluespec and all..)

Dumping C Code: [≡ Dumping C Code on Shakti](#)

Board setup: [≡ Board\\_Setup\\_Shakti](#)

Links for XADC Documentation:

[https://www.xilinx.com/content/dam/xilinx/support/documents/ip\\_documentation/axi\\_xadc/v1\\_00\\_a/pg019\\_axi\\_xadc.pdf](https://www.xilinx.com/content/dam/xilinx/support/documents/ip_documentation/axi_xadc/v1_00_a/pg019_axi_xadc.pdf)

[https://docs.xilinx.com/r/en-US/ug480\\_7Series\\_XADC/7-Series-FPGAs-and-Zynq-7000-SoC-XADC-Dual-12-Bit-1-MSPS-Analog-to-Digital-Converter-User-Guide-UG480](https://docs.xilinx.com/r/en-US/ug480_7Series_XADC/7-Series-FPGAs-and-Zynq-7000-SoC-XADC-Dual-12-Bit-1-MSPS-Analog-to-Digital-Converter-User-Guide-UG480)

Shakti group:

<https://groups.io/g/sp2020-shakti/topic>

<https://groups.io/g/sp2020-shakti/topic/81373741#1328>

Shakti Blog:

<https://blogshakti.org.in/>

Shakti website:

<https://shakti.org.in/>

Shakti gitlab:

[https://gitlab.com/shaktiproject/software/shakti-sdk/-/find\\_file/maste](https://gitlab.com/shaktiproject/software/shakti-sdk/-/find_file/maste)

Board manual:

<https://digilent.com/reference/programmable-logic/arty-a7/start>

<https://digilent.com/reference/programmable-logic/arty-a7/reference-manual>

Link for the bit file that can program the board with shakti:

[https://github.com/Tanish25/Shakti/blob/Shweta/fpga\\_top.bit](https://github.com/Tanish25/Shakti/blob/Shweta/fpga_top.bit)

Location of bitfile:

/home/iitdh/shakti/shakti\_working/shakti\_working.runs/core\_impl\_1/

Pin mapping:

<https://gitlab.com/shaktiproject/sp2020/-/blob/master/e32-a100/README.rst>

Arty-A7 master XDC

<https://github.com/Digilent/digilent-xdc/blob/master/Arty-A7-100-Master.xdc>

For Ports checking- `ls /dev/tty*`

Shakti pin mapping:

<https://gitlab.com/shaktiproject/sp2020/-/tree/master/e32-a100>

PLIC Manual:

[https://gitlab.com/shaktiproject/software/shakti-sdk/-/blob/master/doc/plic\\_user\\_manual.pdf](https://gitlab.com/shaktiproject/software/shakti-sdk/-/blob/master/doc/plic_user_manual.pdf)