TE0726 Reference Designs

Description for the newest Design Version

- TE0726 Test Board
  - Vitis/Vivado 2020.2
  - PetaLinux
  - SD
  - ETH
  - USB
  - I2C
  - Special FSBL for QSPI programming

- TE0726 Zynqberry Demo1 - Demo VIDEO/AUDIO Design with RPI video camera stream to monitor
  - Vitis/Vivado 2022.2
  - RPI Camera 1.3 or 2.1
  - HDMI
  - PetaLinux
  - SD
  - ETH
  - USB
  - I2C
  - QSPI programming

- TE0726 Zynqberry Demo2 - Demo VIDEO/AUDIO Design with Debian or Ubuntu Desktop
  - Vitis/Vivado 2019.2
  - Win32DiskImager
  - SD Card Formatter
  - Linux Debian 9 (Stretch) or Linux Ubuntu 18.04 (Bionic Beaver)
  - HDMI
  - PetaLinux
  - SD
  - ETH
  - USB
  - I2C
  - Special FSBL for QSPI programming

- TE0726 Zynqberry Demo3 - Demo VIDEO/AUDIO Design with video and audio example
  - Vitis/Vivado 2019.2
  - RPI Camera 1.3 or 2.1
  - VIDEO/AUDIO (plus video/audio player)
  - HDMI
  - PetaLinux
  - SD
  - ETH
  - USB
  - I2C
  - Special FSBL for QSPI programming

- TE0726 Zynqberry Demo4 - Jupyter Notebook Demo
  - Vitis/Vivado 2019.2
  - RPI Camera 1.3 or 2.1
  - HDMI
  - PetaLinux
  - (optional) Linux Ubuntu 18.04 or RAMDisk as Rootfs
  - Python3
  - Jupyter Notebook
  - SD
  - ETH
  - USB
  - I2C

    - Special FSBL for QSPI programming

Basic Documentation and Notes

- AMD Development Tools
    - TE Board Part Files
    - TE Board Part Installation Options
- PetaLinux KICKstart
- TE Reference Design - Project Delivery

Download

- TE0726 Reference Designs

Notes



Xilinx Zynq devices in CLG225 package do not support SD Card boot directly from ROM bootloader.