

TE0803 Reference Designs

Description for the newest Design Version

Reference Designs	Demo Designs	Tutorial Designs
• TE0803 Test Board ◦ Vitis/Vivado 2022.2 ◦ QSPI ◦ Custom Carrier (minimum PS Design with available module components only) ◦ Modified FSBL (some additional outputs only)	• TE0803 SK Demo1 ◦ Vitis/Vivado 2019.2 ◦ PetaLinux ◦ Linux Debian 9 (Stretch) or Linux Ubuntu 18.04 (Bionic Beaver) ◦ DisplayPort ◦ SD ◦ ETH (use EEPROM MAC) ◦ MAC from EEPROM ◦ PCIe ◦ USB ◦ I2C ◦ TEBF0808 ◦ RGPIO ◦ SATA ◦ user LED access ◦ Modified FSBL for SI5338 programming ◦ Special FSBL for QSPI programming	• TE0803 Starterkit Vitis AI Tutorial ◦ Xilinx 2021.2 tools, Vivado 2021.2.1 ◦ Vitis AI 2.0 ◦ Vitis custom extensible platform ◦ Vector addition ◦ ResNet50 on DPU
• TE0803 StarterKit ◦ Vitis/Vivado 2022.2 ◦ TEBF0808 ◦ PetaLinux ◦ USB ◦ ETH ◦ MAC from EEPROM ◦ PCIe ◦ SATA ◦ SD ◦ I2C ◦ RGPIO ◦ Display Port (DP) ◦ user LED access ◦ Modified FSBL for SI5338 programming		

Basic Documentation and Notes

- [AMD Development Tools](#)
 - [TE Board Part Files](#)
 - [TE Board Part Installation Options](#)
- [PetaLinux KICKstart](#)
- [TE Reference Design - Project Delivery](#)

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