

# TE0803 Reference Designs

## Description for the newest Design Version

Reference Designs	Demo Designs	Tutorial Designs
<ul style="list-style-type: none"><li>• <a href="#">TE0803 Test Board</a><ul style="list-style-type: none"><li>◦ Vitis/Vivado 2022.2</li><li>◦ QSPI</li><li>◦ Custom Carrier (minimum PS Design with available module components only)</li><li>◦ Modified FSBL (some additional outputs only)</li></ul></li></ul>	<ul style="list-style-type: none"><li>• <a href="#">TE0803 SK Demo1</a><ul style="list-style-type: none"><li>◦ Vitis/Vivado 2019.2</li><li>◦ PetaLinux</li><li>◦ Linux Debian 9 (Stretch) or Linux Ubuntu 18.04 (Bionic Beaver)</li><li>◦ DisplayPort</li><li>◦ SD</li><li>◦ ETH (use EEPROM MAC)</li><li>◦ MAC from EEPROM</li><li>◦ PCIe</li><li>◦ USB</li><li>◦ I2C</li><li>◦ TEBF0808</li><li>◦ RGPIO</li><li>◦ SATA</li><li>◦ user LED access</li><li>◦ Modified FSBL for SI5338 programming</li><li>◦ Special FSBL for QSPI programming</li></ul></li></ul>	<ul style="list-style-type: none"><li>• <a href="#">TE0803 Starterkit Vitis AI Tutorial</a><ul style="list-style-type: none"><li>◦ Xilinx 2021.2 tools, Vivado 2021.2.1</li><li>◦ Vitis AI 2.0</li><li>◦ Vitis custom extensible platform</li><li>◦ Vector addition</li><li>◦ ResNet50 on DPU</li></ul></li></ul>
<ul style="list-style-type: none"><li>• <a href="#">TE0803 StarterKit</a><ul style="list-style-type: none"><li>◦ Vitis/Vivado 2022.2</li><li>◦ TEBF0808</li><li>◦ PetaLinux</li><li>◦ USB</li><li>◦ ETH</li><li>◦ MAC from EEPROM</li><li>◦ PCIe</li><li>◦ SATA</li><li>◦ SD</li><li>◦ I2C</li><li>◦ RGPIO</li><li>◦ Display Port (DP)</li><li>◦ user LED access</li><li>◦ Modified FSBL for SI5338 programming</li></ul></li></ul>		

## Basic Documentation and Notes

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

## Download

- [TE0803 Reference Designs](#)