



DEMO-DEMO-ADIN1100D2Z

FIRMWARE SOURCE RELEASE NOTES

Firmware 1.0.0

BUILD TYPE: RELEASE

RELEASE DATE: JAN 2024

INCLUDED DELIVERABLES: SOFTWARE INSTALLER FOR DEMO-ADIN1100D2Z FIRMWARE SOURCE CODE

PREVIOUS RELEASE BUILD:

- N/A

(NOTE: This is the reference baseline for all changes outlined in this document.)

OVERVIEW

The Firmware 1.0.0 RELEASE provides source files for the DEMO-ADIN1100D2Z board firmware.

The supported features included in this build are:

- ADIN1100 and ADIN1200 PHY initialization for media convertor functionality.
- ADIN1100 and ADIN1200 diagnostic tools
 - Link Status
 - Loopback modes
 - 10BASE-T1L link quality
 - ADIN1100 test modes
 - ADIN1100 frame generator and checker
- ADIN1100 and ADIN1200 (management) registers access via USB/ComPort
- LTC4296-1 SPoE driver
 - Supports PD classification (SCCP)
 - Supports APL power classes
 - Includes error detection and handling.
- LTC4296-1 registers access via USB/ComPort
- DemoADIN1100D2Z board production test modes

The following sections describe the changes and enhancements provided in this build.

SOURCE CODE CHANGES

- This is the first firmware release.

KNOWN ISSUES/LIMITATIONS

ADDITIONAL INFORMATION