



AD2111 DEVICE DRIVER RELEASE NOTES

SW1.0.0

BUILD TYPE: RELEASE
RELEASE DATE: DECEMBER 07, 2021
INCLUDED DELIVERABLES: SOFTWARE INSTALLER FOR ARM SOURCE CODE, API, EXAMPLE CODE
PREVIOUS RELEASE BUILD: 0.3.0
(NOTE: This is the reference baseline for all changes outlined in this document.)

OVERVIEW

The SW1.0.0 RELEASE build provides incremental updates to support the ADIN2111 2-port 10BASE-T1L switch device.

The supported features included in this build are:

- Support for U2/U3 silicon
- Support for Generic SPI protocol and OPEN Alliance SPI protocol (U2)
- Device powerup and initialization
- Transmit/receive frames using a queue mechanism
- Dynamic forwarding table for frame transmission
- Software FCS
- Support for callbacks on selected events
- Timestamp support
- Link status
- Loopback modes
- MAC and PHY registers direct access

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

SOURCE CODE CHANGES

- Added support for timestamp
- Added lwIP example
- Added frame generator/checker example
- Change BSP files directory structure

API CHANGES

- New APIs implementing the source code changes listed above

KNOWN ISSUES/LIMITATIONS

ADDITIONAL INFORMATION