



AD9164 Rev 1.0.0 Release Notes

Contents

1	RELEASE PACKAGE	4
2	RELEASE DETAILS	5
3	NEW FEATURES	6
4	RELEASE TESTING	7
5	KNOWN ISSUES	8
6	RELEASE HISTORY	9

Thank you for downloading the AD9164 API for the AD9164 16-bit 12 GSPS, RF Digital to Analog Converter

1 RELEASE PACKAGE

This software release package contains the following:

1. AD9164 API source code
2. AD9164 Documentation
 - AD9164 API Specification PDF
 - AD9164 API source code help tool.
 - AD916x API Example Application Reference
3. Example application reference source code
 - ad916x_dac_example
 - nco_example

2 RELEASE DETAILS

Revision 1.0.0, initial Release of the AD9164 API Library.

This release targets the AD9164 devices. The library can also be used with ES2 engineering samples.

3 NEW FEATURES

Extensive library of AD9164 API to configure and control DAC functionality including

- AD9164 Device Initialisation and shutdown
- AD9164 DAC datapath configuration
- AD9164 JESD Interface configuration
- AD9164 NCO configuration
- AD9164 Frequency Hopping operation
- AD9164 DC Test Mode
- AD9164 Interrupt Configuration

4 RELEASE TESTING

The AD9164 API was tested on the EVAL-AD9164 and ADS7-V2 Platform.

5 KNOWN ISSUES

The following functions have not yet been verified on hardware due to test hardware system limitations

- PRBS Test APIs have not been verified on hardware.
- Reset API with HW RESETB pin
- TX Enable API with HW TX_ENABLE pin

6 RELEASE HISTORY