

ADRV9009 AND ADRV9008-2 DESERIALIZER IBIS AMI MODEL PACKAGE DESCRIPTION

OVERVIEW

The Analog_Devices_ADRV9009_ADRV9008-2_serializer_ami_r1p0_release_customer.zip file contains several files used to model the ADRV9009_ADRV9008-2 using IBIS AMI. The included files are appropriate for use with Quantum Channel Designer from SiSoft, ADS 2012.08 32-bit from Keysight, as well as other channel simulators that support 32-bit models and the IBIS specification 5.1.

An external package model is required when using the IBIS AMI model. Insert the package model described in ADRV9009_ADRV9008-2_deserializer_package.s16p between the model and the channel used in the simulation.

FILES CONTAINED IN PACKAGE

The purpose of the files contained in analog_devices_ADRV9009_ADRV9008-2_ami_r1p0_release_customer.zip are described in Table 1.

Table 1. Files contained in customer release.

File Name	Description
doc/Analog_Devices_RGEN0V1_RX_AMI_QCD_Certification_r1p1.pdf	Correlation results and usage description of the tgen2v1 model adapted to be used as the ADRV9009_ADRV9008-2 model.
ibis/	A directory containing everything a user will need to run these models in an IBIS AMI simulator. It contains the .ibs file, .ami file, Linux and Windows binary libraries, and S parameter models to represent the termination impedance.
ADRV9009_ADRV9008-2_deserializer_package.s16p	This touchstone file contains the s-parameter information necessary to include the package in simulations. Place this between the channel and the IBIS AMI Rx model.