IBIS-ATM task group report

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Achievements since DesignCon 2013

• IBIS v6.0 has been released on September 20, 2013 including the following BIRDs:
  • BIRD121.2 IBIS-AMI New Reserved Parameters for Data Management
  • BIRD123.5 IBIS-AMI New Reserved Parameters for Jitter/Noise
  • BIRD152 Analog Model Boundary Definition
  • BIRD154.1 Using IBIS-AMI Leaf List_Tip in List Parameters
  • BIRD156.3 IBIS-AMI Extension for Mid-channel Redrivers and Retimers
  • BIRD160.1 Analog Buffer Modeling Improvements
  • BIRD162.1 Change to Usage “Info, Out” for AMI Jitter and Noise Parameters
There is one approved BIRD since IBIS v6.0

BIRD 155.2  New AMI API to Resolve Dependent Model Parameter
BIRDS in progress

We are currently deeply involved in discussing the various package modeling proposals

• BIRD 125.1 Make IBIS-ISS Available for Package Modeling
• BIRD 145.3 Cascading IBIS I/O buffers with [External Circuit]s
• BIRD 163 Instantiating and Connecting [External Circuit] Package Models with [Circuit Call]
• BIRD 164 Allowing Package Models to be defined in [External Circuit]s
• BIRD 165 Parameter Passing Improvements for [External Circuit]s

There is one AMI enhancement BIRD which needs to be considered

• BIRD 158.3 AMI Touchstonefile (R) Analog Buffer Models

Backchannel proposal is still on the waiting list with two BIRDS

• BIRD 128 Allow AMI_parameters_out to pass input data to AMI_GetWave
• BIRD 147 Back-channel support

Miscellaneous BIRDs

• BIRD 157 Parameterize [Driver Schedule]
• BIRD 161.1 Supporting Incomplete and Buffer-only [Component] Descriptions