IBIS-ATM Task Group Report

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Progress since DesignCon 2017

• There was no new IBIS specification release last year

• BIRDS approved since DesignCon 2017:
  • 147.6 Back-channel Support
  • 158.7 AMI Ts4file Analog Buffer Models
  • 165.1 Parameter Passing Improvements for [External Circuit]s
  • 186.4 File Naming Rules
  • 187.3 Format and Usage Out Clarifications
  • 188.1 Expanded Rx Noise Support for AMI
  • 191.2 Clarifying Locations for Si_location and Timing_location
  • 192.1 Clarification of List Default Rules

• BIRDS rejected since DesignCon 2017:
  • 161.1 Supporting Incomplete and Buffer-only [Component] Descriptions
Pending BIRDs expected to be rejected

- 125.1  Make IBIS-ISS Available for IBIS Package Modeling
- 145.3  Cascading IBIS I/O buffers with [External Circuit]s using the [Model Call] keyword
- 163    Instantiating and Connecting [External Circuit] Package Models with [Circuit Call]
- 164    Allowing Package Models to be defined in [External Circuit]

Most of these BIRDs are “tabled” because of their dependence on other BIRDs or proposals
Pending BIRDS in discussion

- 166.4 Resolving problems with Redriver Init Flow
- 181.1 I-V Table Clarifications
- 189.5 Interconnect Modeling Using IBIS-ISS and Touchstone
- 190 Clarification for Redriver Flow
- 193 Figure 29 corrections

- TBD New proposal for Redriver Flow (may replace BIRD166)
- TBD C_comp modeling with IBIS-ISS

Not all of these BIRDs are discussed in the ATM group