

IBIS-ATM task group report

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Progress since DesignCon 2016

- **There was no new IBIS specification release last year**
- **BIRDs approved since DesignCon 2016:**
 - 180 **Require Unique Pin Names in [Pin]**
 - 182 **POWER and GND [Pin] signal_name as [Pin Mapping] bus_label**
 - 183 **[Model Data] Matrix Subparameter Terminology Correction**
 - 184.2 **Model_name and Signal_name Restriction for POWER and GND Pins**
 - 185.2 **Section 3 Reserved Word Guideline Update**
 - 188 **Expanded Rx Noise Support for AMI**
- **BIRDs rejected since DesignCon 2016:**
 - 128.2 **Allow AMI_parameters_out to pass AMI_parameters_in data on calls to AMI_GetWave**

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

- **147.6** **Back-channel support**
- **158.3** **AMI Touchstonefile (R) Analog Buffer Models**
- **161.1** **Supporting Incomplete and Buffer-only [Component] Descriptions**
- **165** **Parameter Passing Improvements for [External Circuit]s**
- **166** **Resolving problems with Redriver Init Flow**
- **181.1** **I-V Table Clarifications**
- **186** **File Naming Rules**
- **187.2** **Format and Usage Out Clarifications**
- **188.1** **Expanded Rx Noise Support for AMI**
- **189** **Interconnect Modeling Using IBIS-ISS and Touchstone**

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

**Not all of these BIRDS are “in the hands” of
the ATM group**