IBIS-ATM task group report

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• IBIS v5.1 has been released on August 24, 2012 including the following “clarification / correction” BIRDs:
  • BIRD 112  IBIS-AMI Clock Times Clarification
  • BIRD 114.3 IBIS-AMI Definition Clarifications
  • BIRD 115  Clarifying Min/Tip/Max in IBIS-AMI
  • BIRD 120.1 IBIS-AMI Flow Correction
  • BIRD 126  IBIS-AMI New Reserved Parameter AMI_Version
  • BIRD 127.4 IBIS-AMI Typographical Corrections
  • BIRD 130  Crosstalk Clarification With Respect to AMI
  • BIRD 132  Clarification of the Table Format for IBIS_AMI
  • BIRD 134  AMI Function Return Value Clarification
  • BIRD 135.1 Add Boolean to BNF for IBIS-AMI
  • BIRD 136  Defining Relationships between Type and Format
  • BIRD 137.2 AMI_parameters_in, AMI_parameters_out, msg Clarifications
  • BIRD 138  IBIS-AMI Section 6c Tables Update
  • BIRD 139  Reserved_Parameeters Order
  • BIRD 140.2 Format Corner and Range Clarification for IBIS-AMI
  • BIRD 143.1 Correcting the rules for AMI_Close
  • BIRD 146  Clarify sample_interval for IBIS-AMI
  • BIRD 148  Allowable Model_types with IBIS-AMI
  • BIRD 149  Usage Out Syntax Correction
  • BIRD 151  IBIS-AMI Modified Reserved Parameters for Jitter/Noise
BIRDs approved by the IBIS Open Forum

BIRD 121.2  IBIS-AMI New Reserved Parameters for Data Management

BIRD 123.5  IBIS-AMI New Reserved Parameters for Jitter/Noise

BIRD 152    Analog Model Boundary Definition
BIRDs under discussion

We are still neck deep in sorting out the analog BIRD proposals

• BIRD 116 Add IBIS-ISS to [External Model] and [External Circuit]
• BIRD 117.3 Parameterize D_to_A and A_to_D Converters
• BIRD 118.2 Analog Parameter Assignments
• BIRD 122 IBIS-AMI New Reserved Parameters for Analog Modeling
• BIRD 125.1 Make IBIS-ISS Available for Package Modeling
• BIRD 129 IBIS-AMI Typographical Corrections
• BIRD 144.1 Add Touchstone to [External Model/Circuit] as a Language
• BIRD 145.1 Cascading IBIS I/O buffers with [External Circuit]s
• BIRD 153 Parameter Tree Keyword

AMI enhancement BIRDs need to be finished

• BIRD 150 IBIS-AMI New Reserved Parameters for Dependency Tables
• BIRD 154 Using IBIS-AMI Leaf Labels in List Parameters
• BIRD 155 New AMI API to Resolve Dependent Model Parameter

Backchannel and Repeater proposals need to be addressed

• BIRD 128 Allow AMI_parameters_out to pass input data to AMI_GetWave
• BIRD 131 IBIS-AMI Repeaters
• BIRD 147 Back-channel support
• BIRD 156.1 IBIS-AMI Extension for Mid-channel Redriver