

Start of the IEEE P1666.1
SystemC Analog/Mixed-Signal (AMS) extensions
Working Group

November 3, 2014 | Martin Barnasconi | P1666.1 Chair

CALL TO ORDER & ROLL CALL

Sumit Adhikari, NXP Semiconductors

Martin Barnasconi, NXP Semiconductors

Fabio Cenni, STMicroelectronics

Karsten Einwich, Fraunhofer IIS/EAS

Paul Floyd, Atrenta Inc.

Olivier Guillaume, STMicroelectronics

Mladen Nizic, Cadence Design Systems

Tejinder Singh*

Kalum Udagepola*

Identify the DR (designated representative) of entities attending this meeting

IEEE-SA PATENT POLICY AND CALL FOR PATENTS

IEEE patent policy:

http://standards.ieee.org/board/pat/pat-slideset.pdf



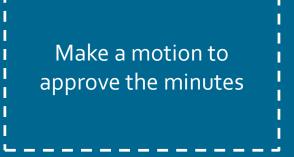
APPROVAL OF THE AGENDA

- Call to order
- Roll call
- IEEE-SA patent policy and call for patents
- Approval of agenda
- Approval of previous meeting minutes
- Introduction of P1666.1: objectives, scope, PAR
- Working group Twiki introduction
- P1666.1 P&P
- Call for Officer nominations (Chair + Secretary)
- 10. AOB
- 11. Next meeting: December 1, 2014 at 5pm CET
- 12. Adjournment



APPROVAL OF PREVIOUS MEETING MINUTES

(no previous meeting)



INTRODUCTION OF P1666.1 (1)

Objective of the P1666.1 Working Group

- Standardize the Analog/Mixed-Signal (AMS) extensions for SystemC as an ANSI standard C++ class library for system and hardware design including analog/mixed-signal elements
- Standardization to result in the delivery of the SystemC Analog/Mixed-Signal (AMS) extensions Language Reference Manual (LRM)

INTRODUCTION OF P1666.1 (2)

- The IEEE Design Automation Standards Committee (DASC) approved the Project Authorization Request (PAR) on December 11, 2013 http://www.eda.org/twiki/pub/P16661/WebHome/P1666_1_PAR_Detail_Approved.pdf
- The P1666.1 Working Group Policies and Procedures (P&P) will be derived from the IEEE-SA P&P
 - DASC will approve these P&P in the coming month
- The P1666.1 is an entity based working group
 - Entities, i.e., organizations, that are Corporate members of the IEEE SA are eligible to be voting members of the WG
 - Such entities name a DR (designated representative) to represent them in the WG

INTRODUCTION OF P1666.1 (3)

- A SystemC AMS LRM has been developed in Accellera during the last 8 years.
 SystemC AMS 2.0 has been released in March 2013:
 http://www.accellera.org/downloads/standards/systemc
- Accellera is committed to transfer the SystemC AMS 2.0 LRM and copyrights to IEEE-SA if the Working Group would like to use this work as starting point for the standardization
- Accellera is willing to fund the Technical Writing costs for the LRM updates to make it IEEE compatible
 - No additional fees for P1666.1 WG members anticipated

INTRODUCTION OF P1666.1 (4)

- Current membership
 - Sumit Adhikari, NXP Semiconductors
 - Martin Barnasconi, NXP Semiconductors
 - Kevin Cameron, Synopsys Inc.
 - Fabio Cenni, STMicroelectronics
 - Karsten Einwich, Fraunhofer IIS/EAS
 - Paul Floyd, Atrenta Inc.
 - Olivier Guillaume, STMicroelectronics
 - Mladen Nizic, Cadence Design Systems
- IEEE-SA myproject and Twiki registration:
 - http://www.eda.org/twiki/bin/view.cgi/P16661/GettingInvolved

WORKING GROUP TWIKI INTRODUCTION

- Twiki used as P1666.1 workarea:
 http://www.eda.org/twiki/bin/view.cgi/P16661/WebHome
- References and links
 - Press Release of P1666.1 working group formation
 - P1666.1 public page
 - IEEE-SA patent policy
 - Project Authorization Request (approved 11-Dec-2013)
 - Policies and Procedures (P&P) will follow
 - SystemC AMS extensions 2.0 standard of Accellera Systems Initiative
 - Meeting schedule 2014
 - Getting Involved
- Email reflector will become available soon

P1666.1 P&P

Policies and procedure will be available after approval of the DASC

CALL FOR OFFICER NOMINATIONS

- Nomination of Officers (Chair and Secretary)
 - Self nomination is allowed
 - Please apply if you are interest in one of these officer roles before Nov 28, 2014 to the acting chair: martin.barnasconi@nxp.com
 - Note Role of vice chair and treasury are not mandatory (no financial activities planned)
- Conditions to become Chair or Secretary
 - Chair: Member need to be IEEE member of any grade and must also be a DR of an entity that is a corporate IEEE-SA member
 - Secretary: Member needs to be a DR of an entity that is a corporate IEEE-SA member (no need to be IEEE member)

ANY OTHER BUSINESS

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NEXT MEETING & ADJOURNMENT

December 1, 2014

5:00pm CET

Draft agenda:

http://www.eda.org/twiki/bin/view.cgi/P16661/December1%2c2014

Make a motion to adjourn the meeting

