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MIPI® Alliance Introduction

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mipi® alliance

What is the MIPI Alliance?

- The MIPI Alliance is a collaborative global organization of over 300 member companies focused on hardware and software interfaces for the mobile and mobile-influenced ecosystems.
  - Their specifications serve six fundamental application areas: physical layer, multimedia, chip-to-chip or inter-processor communications (IPC), control/data, and debug/trace, and software.
  - The specifications are available as individual interfaces, enabling companies to adopt those that meet their particular needs.

Leveraging MIPI Beyond Mobile

Characteristics of MIPI specifications

MIPI specifications are suitable for use in a variety of other applications because they've been optimized for:

- High bandwidth
- Low power consumption
- Low electromagnetic interference

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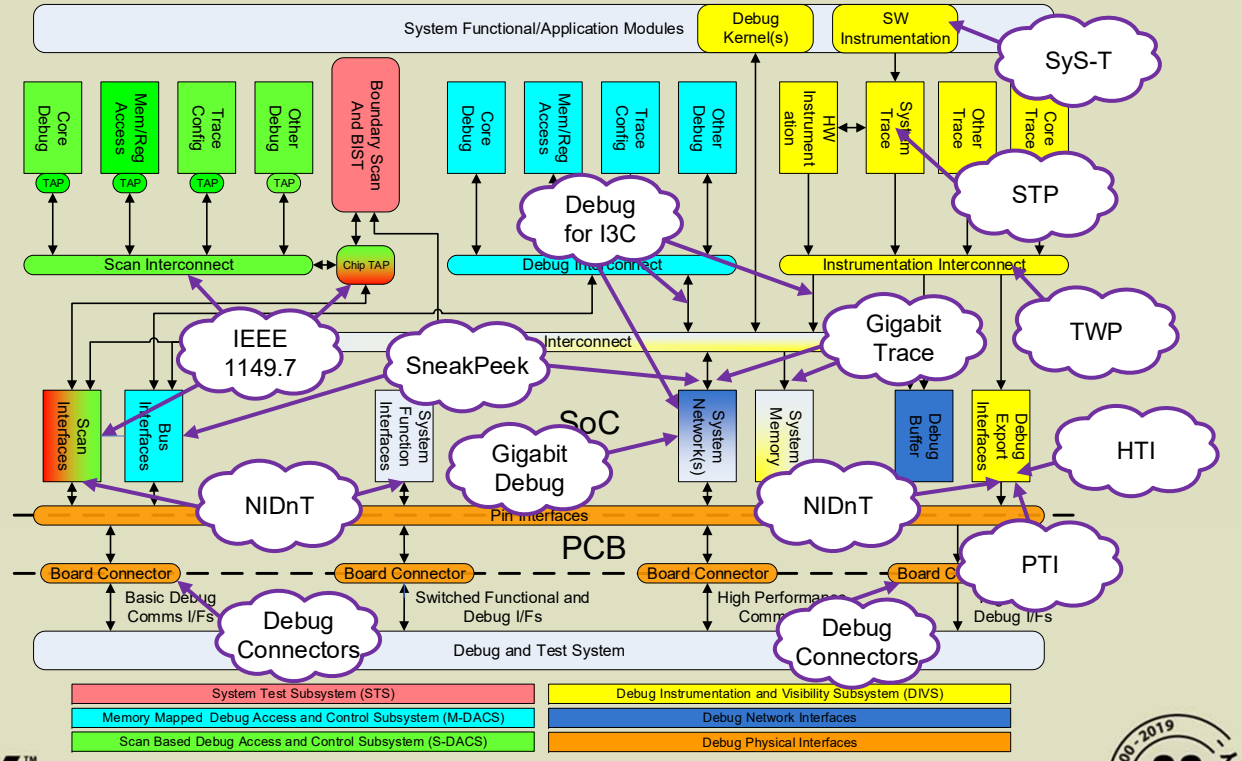
MIPI Debug WG

The focus is to unify/define:

- Protocols that support debug/trace.
  - With a particular focus on highly integrated, fielded systems
  - Software layers to support and/or implement these protocols
- Configuration/control mechanisms required directly by debug/trace protocols.
- Reuse of functional interfaces and protocols for debug/trace.
- Mating connections and pin assignments.
- Electrical characteristics.

Debug WG Specifications

- Have over 10 specifications adopted or in progress.
- Also produced several whitepapers and other documentation.



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For more information…

- MIPI Alliance Web Site: http://mipi.org
- MIPI Debug WG Public Page: https://www.mipi.org/specifications/debug
- MIPI Architecture Overview for Debug: https://www.mipi.org/sites/default/files/mipi_Architecture-Overview-for-Debug_v1-2.pdf
- MIPI Debug on Wikipedia: http://en.wikipedia.org/wiki/MIPI_Debug_Architecture