

08–12 Jan 2023

Venue - Novotel, HICC, Hyderabad

## Design Contest

### Call for Submission

Idea Submission	Acceptance Notification	Kit Distribution	Idea Presentation
<b>31</b> Oct. 2022	<b>04</b> Nov. 2022	<b>04</b> Nov. 2022	<b>10</b> Jan. 2023

## Call For Design Contest

The 36<sup>th</sup> International Conference on VLSI Design and the 22<sup>nd</sup> International Conference on Embedded systems is holding the International Design Contest to provide a platform to showcase semi-conductors driving disruptive innovations in global digitalization.

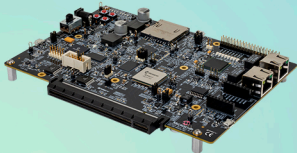
### Theme of the Contest

The theme of the Design Contest is Hardware and Embedded software co-design with hardware acceleration in an SoC FPGA. You will be showcasing design approaches and system solutions in the areas/domains of AI/ML, IoT, Factory & Industrial Automation, Automotive, Medical, Environment & Clean Energy

### Hardware Platform

The hardware platform will be **Microchip Technology's RISC-V based PolarFire® SoC Icicle Kit**. For details on the kit, please refer to the following external links:

PolarFire SoC Icicle Kit Hardware Kit:  
<https://github.com/polarfire-soc>



## Submission

### Stage-1: Idea Submission

- Your idea submission should cover a description of the idea along with a block diagram of your idea
- Examples of its application
- Benefits and value addition of your solution
- Your team description along with your contact information with mailing address

### Steps for the submission

- Download template available on the conference website.
- Fill all required details with minimum font size: 10pt, times new roman font. Max two pages including tables, diagram, references (if any).
- Convert it to pdf format.

Submit the pdf using the weblink available on conference website.

Following the first round of screening, 5 teams will be shortlisted to convert their ideas into application solution using the PolarFire SoC Icicle Kit. Hardware kits will be shipped to selected teams

### Stage-2: Implementation

- Implementation should be on the Microchip Technology PolarFire SoC Icicle Kit provided.
- Experts from Conference team will guide and mentor during this 2 months of implementation.