Embedded Solutions Design Contest Event....
Submission of Ideas : October 29, 2018
Acceptance notification : October 31, 2018
Kit Distribution : October 31, 2018
Idea Presentation at Conference : January 6, 2019

Schedule of January 6, 2019
All Idea owners will present their Ideas : 10:00AM - 01:00PM
Demo Presentation : 02:00PM - 04:00PM
Announcement of Top 3 Winners : 05:00PM
Prize Distribution : 8th Jan 2019

Venue
Manekshaw Auditorium, New Delhi, India
Khyber Lines, Delhi Cantonment,
New Delhi, India

Winners will get exciting cash prizes:
1st place team cash prize of INR 50,000
2nd place team cash prize of INR 30,000
3rd place team cash prize of INR 20,000
Top 3 teams will get 6 weeks internship at VLSI Research group at IIT Guwahati in May June 2019. (Sponsored by IIT-G)
**Call for Ideas: EMBEDDED SOLUTION DESIGN CONTEST**

This joint conference is a forum for researchers and designers to present and discuss exciting new developments in VLSI design and embedded systems. Selected Design Contest applicants will get an opportunity to participate in the conference and/or present your innovative design ideas. The program will also include workshops/tutorials (January 5-6, 2019) on emerging trends in embedded systems design.

**Theme of the Contest**

Innovative design contest ideas are invited in all areas of Gateway and IoT embedded systems. For information of the kit, please go through the below link: [www.nxp.com/modulargateway](http://www.nxp.com/modulargateway)

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<th>Objective: The Embedded Solution Design Contest solicits innovative ideas on Gateway and IoT Embedded solutions.</th>
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<td><strong>Who:</strong> Engineers from Industry and University students can submit their proposal in the suggested template. If accepted, contestants must use the provided kit to convert their ideas into a real application, limited only by their imagination.</td>
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<td><strong>Design Kit:</strong> A Modular IoT Gateway Solution, this design is based on popular NXP SoC family i.MX. Gateway development platform design, based on ARM processor based i.MX6. This MPU provides optimal application performance, low power, low cost, and robust secure large network connectivity with Thread, Zigbee, and BLE Mesh. The ability to connect to the cloud with connectivity options as Ethernet and WiFi make this design very suitable for Gateway and related applications.</td>
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<td><strong>Suggested Target Applications:</strong> We suggest a few applications below but are open to other innovative ideas related to Gateway &amp; IoT applications.</td>
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<td>1. Portable health care devices, Wearable Sports/Fitness devices</td>
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<td>2. Gaming controllers, Access control, and Security systems</td>
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<td>3. Smart energy and Automated meter reading</td>
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<td>4. Home area networks</td>
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<td>5. Medical Network</td>
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<td>6. HVAC Control, Lighting control, Asset tracking</td>
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<td>7. Environment monitoring and control</td>
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<td>8. Automotive IoT and Gateway</td>
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**SPECIAL RECOGNITION**

Top 5 ranked designs ideas will get a chance to present their designs in the workshop during the conference.

**BEST Design Award**

Top 3 innovative Embedded System Designs will be considered for the award.

**Submissions**


Your design proposal should clearly state the Innovative Project Proposal name, block diagram, brief description, tentative Plan, and any special need during design presentation at the conference.

For any query please do write to us at designcontest.2019@gmail.com

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[Image of NXP logo]

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