Qualifying Round

* *TI Content ( 10 marks)*

*Variety of TI Parts (5 marks)-* Team will be awarded more points if their solution features parts from all product lines from TI, for examples, *Amplifiers, power management, data converter, clocks* etc.

Coverage of TI parts in the system design *(5 marks)*

* + - * 100% of TI parts (5 marks)
      * 75% of TI parts (3 marks)
      * 50% of TI parts (2 *marks*)
      * <25% of TI parts (1 *marks*)
* *Proposition & Design (10 marks)*
  + - * Innovation Quotient (5 marks) *–* Will be measured on the Innovativeness of the proposed solution highlighting how the proposed solution addresses the weaknesses of current solution
      * Technical Complexity (5 marks) - complexityof the problem being solved
* *Quality of work (10 marks)* 
  + - * A well documented project proposal having detailed description of problem being addressed, the importance of the problem and proposed solution.
      * Feasibility of project proposal realizable within the contest duration.
      * Originality of the project – Plagiarized proposals will not be shortlisted
* *Market Analysis & IMPACT (10 marks) –* Team will be judged on the Quality of Market Analysis behind the problem being targeted. Extensive studies on Total Addressable Market, Serviceable Addressable Market, ease of adoption of proposed solution, cost etc. *Impact*  will be measured in terms of relevance of proposed solution to the current market & how the proposed solution will **CHANGE** the world/respective industry
* **BONUS: Usage of WEBENCH (5 marks) – Share your plan to use the WEBENCH (ti.com/webench) for power supply, sensor, filter, clock design etc.**