

Review Form 3

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_JERR_128697
Title of the Manuscript:	Design of battery temperature display system based on MC9S12XS128
Type of the Article	

General guidelines for the Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.		
Is the title of the article suitable? (If not please suggest an alternative title)		
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.		
Is the manuscript scientifically, correct? Please write here.		
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.		

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<p>Is the language/English quality of the article suitable for scholarly communications?</p>		
<p><u>Optional/General</u> comments</p>	<p align="center">Design of battery temperature display system based on MC9S12XS128</p> <p>Strengths:</p> <ol style="list-style-type: none"> Clear Focus: The content effectively highlights the importance of battery performance and its relevance in today's energy landscape. Technical Relevance: The mention of the MC9S12XS128 microcontroller and its role in monitoring battery parameters adds depth and specificity. Logical Flow: The problem is well-defined (increasing energy demands and battery management), followed by a proposed solution (using microcontroller-based design). <p>Areas for Improvement:</p> <ol style="list-style-type: none"> Abstract Formatting: A journal abstract typically begins with the context or motivation, followed by the problem, methodology, and finally, the outcomes or significance. While your content touches on all these aspects, reordering and refining can enhance readability. Technical Precision: Ensure that terms like "collection and display of battery temperature parameters" are precise. For instance, does the system monitor thermal performance in real-time? If so, explicitly stating this improves clarity. Language Refinement: Phrasing like "carries on the analysis to the battery" can be more succinct and natural, e.g., "analyzes battery performance." Lack of Results/Implications: Mentioning potential results or implications (e.g., improved battery lifespan, operational efficiency, or real-world applications) strengthens the contribution. Avoid Over-generalization: While stating that batteries are crucial in "all aspects of people's production and life" conveys importance, it may sound too broad for a journal setting. Narrowing it to key applications (e.g., renewable energy systems or electric vehicles) makes it more impactful. 	

PART 2:

	<p>Reviewer's comment</p>	<p>Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</p>
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

Reviewer Details:

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