

SoutheastCon 2010 Paper review

Paper #: 4100

Your name: Aswin Ramakrishnan

(For the following decisions, erase all the choices except the one you select)

Decision recommendation:	Marginal Reject
Confidence level of your decision:	High
Rate the relevance of the paper:	Good
Rate the originality of the paper:	Average
Rate the technical correctness of the paper:	Average
Rate the clarity of the paper:	Average
Rate the references of the paper:	Average
Does this paper need to be edited?	Minor

Comments to authors:

The paper outlines an algorithm for selecting microcontrollers and assigning pins while prototyping embedded systems consisting of many microcontrollers. The microcontrollers are selected using search algorithms, ordered using heuristics for faster assignments and assigned using look-ahead strategies. Results satisfying the algorithm and cases where the algorithm fails are presented.

The strength of the paper is that it is simple and easy to understand. The algorithm is simple and easy to implement. The results show that the algorithm finds a solution quickly if the cases are satisfied.

The weakness of the paper is that the paper contains spelling and grammatical errors. Though the tables describe the results obtained using the algorithm, the author has provided details with respect to the tables making the paper provide repetitive information. Since the algorithm fails at certain cases in the beginning (i.e.) while searching, the efficiency of the algorithm is less and no proper explanation is given nor is any rectification done for the unsatisfying cases. The references are few and the authors have not considered previous technical publications with respect to the search, order or assignment of the pins.

Comments to the program committee:

None