

Bibliography and Literature Document for the TMS320C31 Evaluation Board

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For this project, a patent search was not necessary, however a literature search on surface mount technology was required. The ultimate goal is to have this project manufactured, so component size and available board space are key issues. The following list describes the main issues involved in this project:

1. Board size and available space
2. Component size
3. PCB layout
4. Manufacturing company
5. Lead time on parts and manufacturing

Based on these issues, a search was done under the following key words, "circuit board layout," which provided the attached documents. The attached pages 1-2 are all names of possible manufacturing companies, one of which will be selected to do the design and layout for this project. Page 3 are standards associated with surface mount technology and as an example the sizes and dimensions for surface mount resistors are attached on page 4.