**Year 2 Project (ELEC222/273) – *Supervisor meeting – Week 1***

Date: 30.01.2020 Supervisor: Dr.Zachariades Christos

Project Title: Frequency Downconverter

|  |  |  |
| --- | --- | --- |
| Student Names  /Attendees: | 1.Yidi Song | 2. Yimian Liu |
| 3. Boyao Yang | 4.Weizhou Wen | 5. |

Summary of week’s activities:

• The general goals were discussed. For the first three weeks, the general design should be accomplished. Allow two weeks for surface mounting and PCB fabrication.

• Clarify the division of responsibility.

• Install relevant software.

• Consult relevant reference material.



Problem, issues and concerns:

• The band pass filter at input need to design by ourselves but it is difficult to design.

• Design the output impedance to 50 ohms is also a challenge.

• The design of output bandpass is to some difficult.

Tasks for next week/Actions for next meeting:

Finish the design and simulation circuit and absolutely solve the problems above.

Supervisor use only

Progress Assessment: □ Unsatisfactory □ Satisfactory □ Good

Comments/Recommendations:

Supervisor Signature:

**Year 2 Project (ELEC222/273) – *Supervisor meeting – Week 2***

Date: 05.02.2020 Supervisor: Dr.Zachariades Christos

Project Title: Frequency Downconverter

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| --- | --- | --- |
| Student Names  /Attendees: | 1. Yidi Song | 2.Boyao Yang |
| 3.Yimian Liu | 4.Weizhou Wen | 5. |

Summary of week’s activities:

Building Schematic and PCB libraries.

Packaging the components that included in the library.

Determined the circuit diagram except the part of filter.

Problem, issues and concerns:

Cannot simulate the circuit because of the lack of SIM model.

Tasks for next week/Actions for the next meeting:

the simulate circuit and PCB.

Supervisor use only

Progress Assessment: □ Unsatisfactory □ Satisfactory □ Good

Comments/Recommendations:

Supervisor Signature:

**Year 2 Project (ELEC222/273) – *Supervisor meeting – Week 3***

Date: Supervisor:

Project Title:

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| --- | --- | --- |
| Student Names  /Attendees: | 1. | 2. |
| 3. | 4. | 5. |

Summary of week’s activities:

Problem, issues and concerns:

Tasks for next week/Actions for next meeting:

Supervisor use only

Progress Assessment: □ Unsatisfactory □ Satisfactory □ Good

Comments/Recommendations:

Supervisor Signature:

**Year 2 Project (ELEC222/273) – *Supervisor meeting – Week 4***

Date: Supervisor:

Project Title:

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| --- | --- | --- |
| Student Names  /Attendees: | 1. | 2. |
| 3. | 4. | 5. |

Summary of week’s activities:

Problem, issues and concerns:

Tasks for next week/Actions for next meeting:

Supervisor use only

Progress Assessment: □ Unsatisfactory □ Satisfactory □ Good

Comments/Recommendations:

Supervisor Signature:

**Year 2 Project (ELEC222/273) – *Supervisor meeting – Week 5***

Date: Supervisor:

Project Title:

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| Student Names  /Attendees: | 1. | 2. |
| 3. | 4. | 5. |

Summary of week’s activities:

Problem, issues and concerns:

Tasks for next week/Actions for next meeting:

Supervisor use only

Progress Assessment: □ Unsatisfactory □ Satisfactory □ Good

Comments/Recommendations:

Supervisor Signature: