Student Names & Box #:

Please staple this gradesheet to the back of your report for grading.

**Lab Signoff (75 pts. max)**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Maximum Points</th>
<th>Points Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>Team able to demonstrate real-time operation of their direct DFT and explain their code (at least up to $N = 32$)</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>Team able to demonstrate real-time operation of their radix-2 Cooley-Tukey decimation-in-time FFT and explain their code (at least up to $N = 32$)</td>
<td>45</td>
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<tr>
<td>Team able to demonstrate real-time operation of TI's optimized FFT code (at least up to $N = 32$)</td>
<td>10</td>
<td></td>
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</tbody>
</table>

**Lab Report (50 pts. max)**

<table>
<thead>
<tr>
<th>Test</th>
<th>Maximum Points</th>
<th>Points Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Background and methods</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Solution</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Results</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>Conclusion</td>
<td>5</td>
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</tr>
<tr>
<td>Code documentation</td>
<td>4</td>
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</tr>
<tr>
<td>References</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Overall clarity, appearance, grammar, and spelling</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>