ENSC 462: Special Topics in Advanced Digital Systems Engineering

Lab 3: Auto-Adjusted Brightness Controller

Individual Report

Submitted by:

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To Do:

Serial Peripheral Interface (SPI)

Structural Overview:

Chart

Description automatically generated



Timing observed:

|  |  |  |
| --- | --- | --- |
| Time | Minimum expected | Observed with testbench |
| t\_cssu | 10 ns | 462.684 ns |
| t\_cs | 10 ns | 20 ns |
| t\_cl | - | 250 ns |
| t\_ch | - | 250 ns |
| t\_en | 20 ns | 19.954 ns (~20 ns) |
|  |  |  |
|  |  |  |