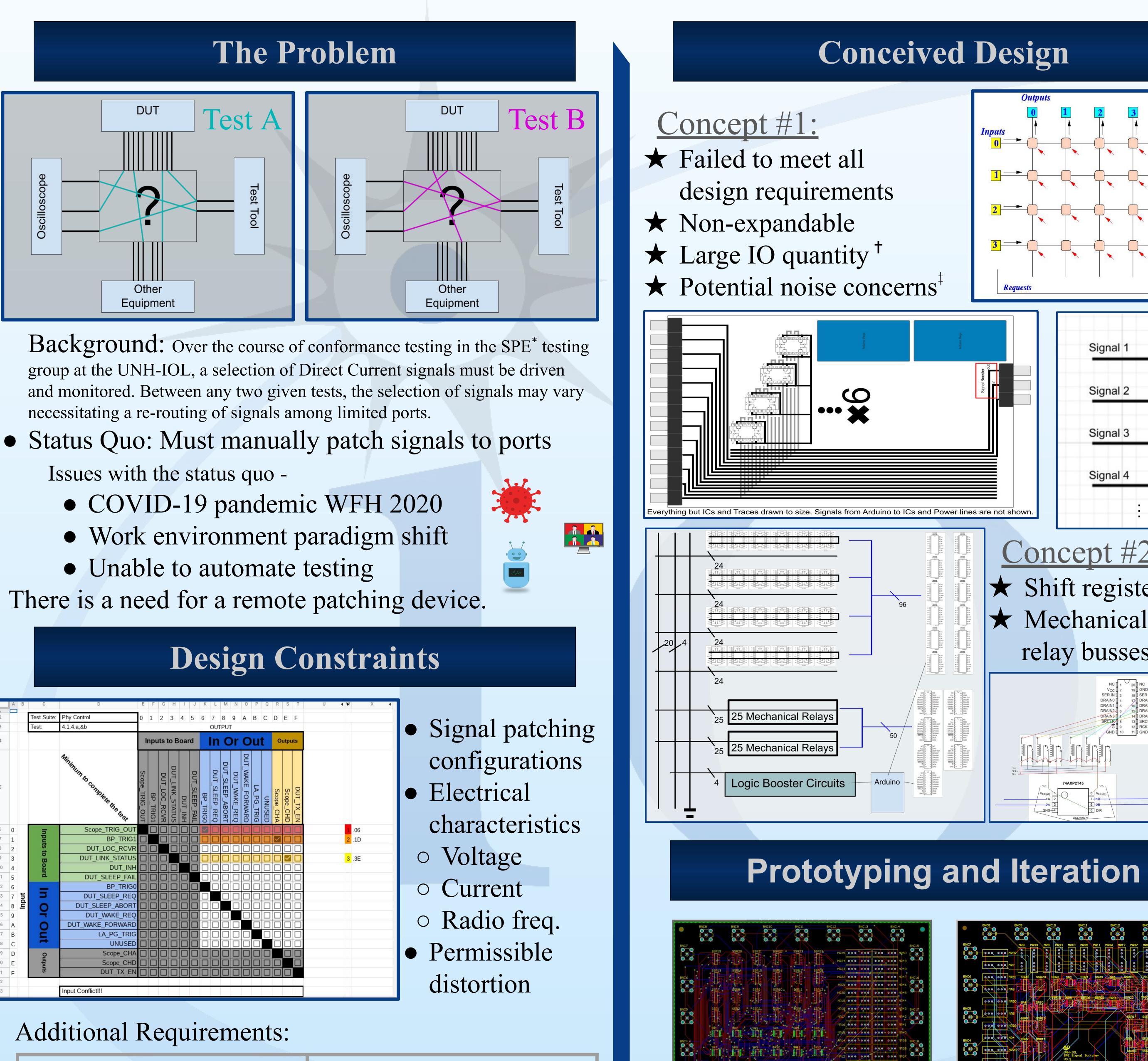
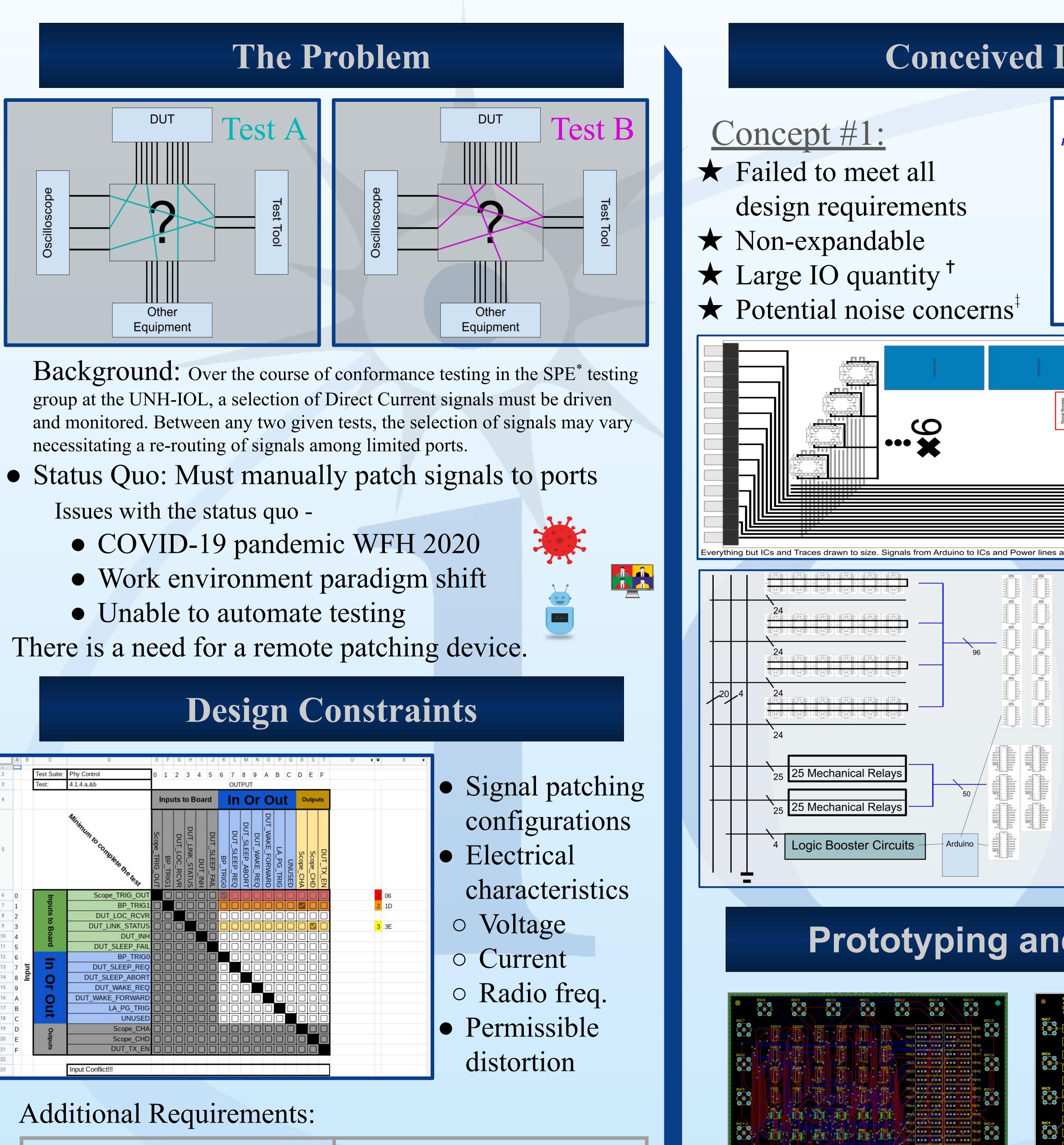
Single Pair Ethernet^{*} Signal Switcher Removing Physical Presence Requirements for a Remote and Automated World

Hunter Wells Advisors: Professor Qiaoyan Yu and Robert Noseworthy Department of Electrical and Computer Engineering, University of New Hampshire





< 10 ns propagation delay and rise time	At least 4 signal-port con (Busses)
Signal grounding	Signal amplification
< +/- 0.1 V in noise	Low DC resistance

nnections

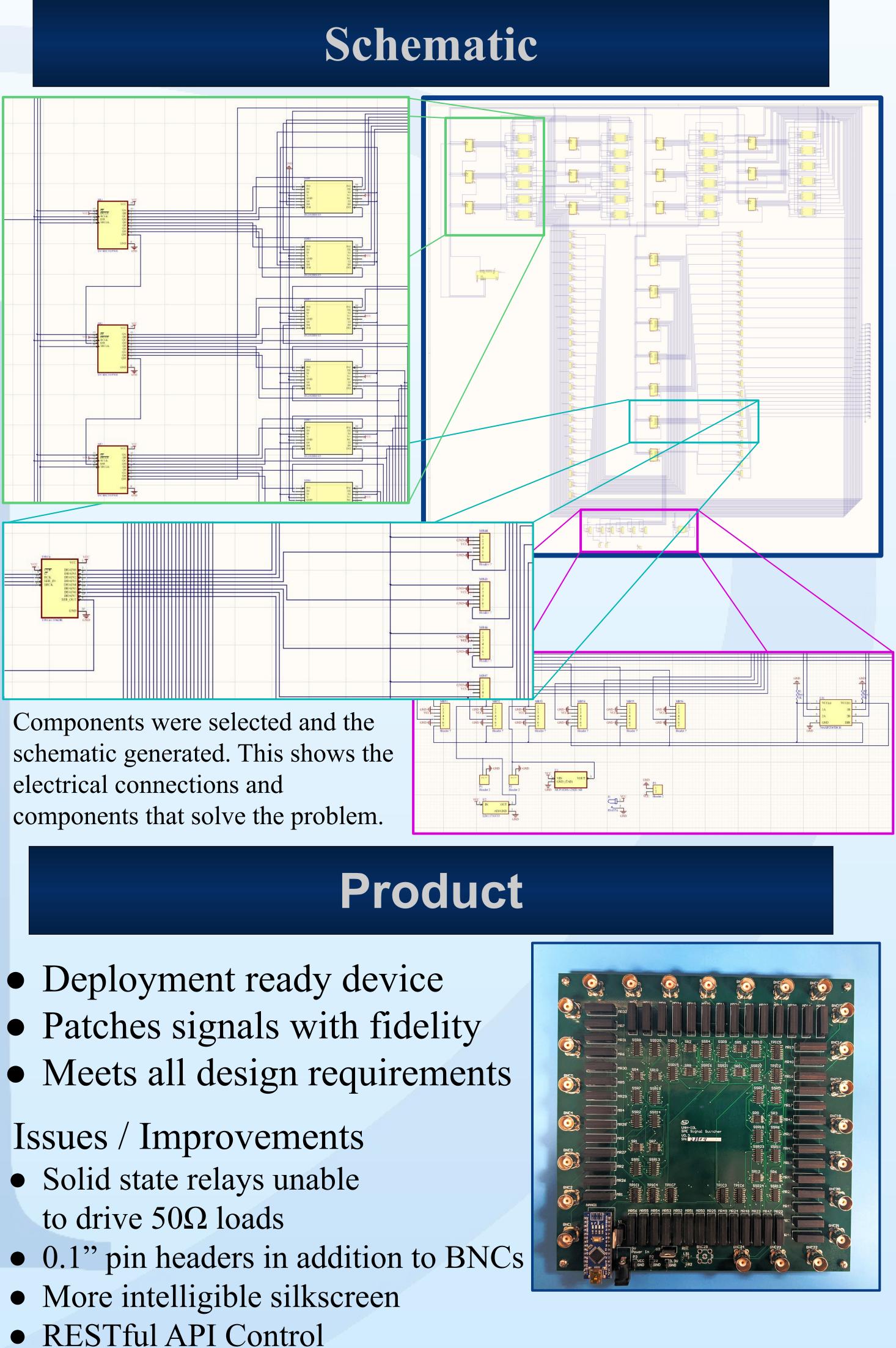


Switching contro ****** Signal 1 Signal 2 Signal 3 Signal 4 Concept #2: ★ Shift registers[†] ★ Mechanical relay busses[‡]

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PCB development by Govind Krishram Kothimbakam Kothimba

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Acknowledgments

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