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in partial fulfillment of the requirements for the Degree of Bachelor of Science by

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Contents

Abstract

Acknowledgments

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NVIDIA's SOC_THERM hardware takes care of the thermal management on their Tegra chips. Originally, the hardware was managed on the software side by a library. We were tasked with documenting this library and eventually converting it into a platform driver. At the conclusion of our project, we were able to convert the SOC_THERM library so that it conformed with the upstream Linux kernel standard for platform drivers.

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