









ELECTRICAL & COMPUTER ENGINEERING

ADVISERS: Kevin Parson, Tai Chen **SPONSOR: Korry Electronics**

UNIVERSITY of WASHINGTON

Emissive Display Technology in Aerospace

STUDENTS: Enrique Garcia, Brandon Ha, Sajid Khan, Stephen Macris, Jesus Ruiz, Rachel Samson, Chandler Wong



Final Product

• The final product demonstrates an OLED display fully integrated into a Korry Electronics switch, supplied with power only through the switches' header.

✓ Laminated cover over OLED display

✓ OLED PCB mounted on the caps front cover

✓ Microcontroller board vertically mounted below the OLED

✓ 3D printed custom housing

✓ Power connections to switch base

• Fully housed and connected switch connected to external power. Able to properly





Future Work, References, & Acknowledgments

Industry Advisor: Kevin Parson Faculty Advisor: Tai Chen Students: Enrique Garcia, Brandon Ha, Sajid Khan, Stephen Macris, Jesus Ruiz, Rachel Samson, Chandler Wong

[1] Y. Wang, "Silicon backplane design for OLED-on-silicon microdisplay," doi: https://doi.org/10.32657/10356/43518.