

# Lab 5

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Peter A. Dranishnikov

U0000005258

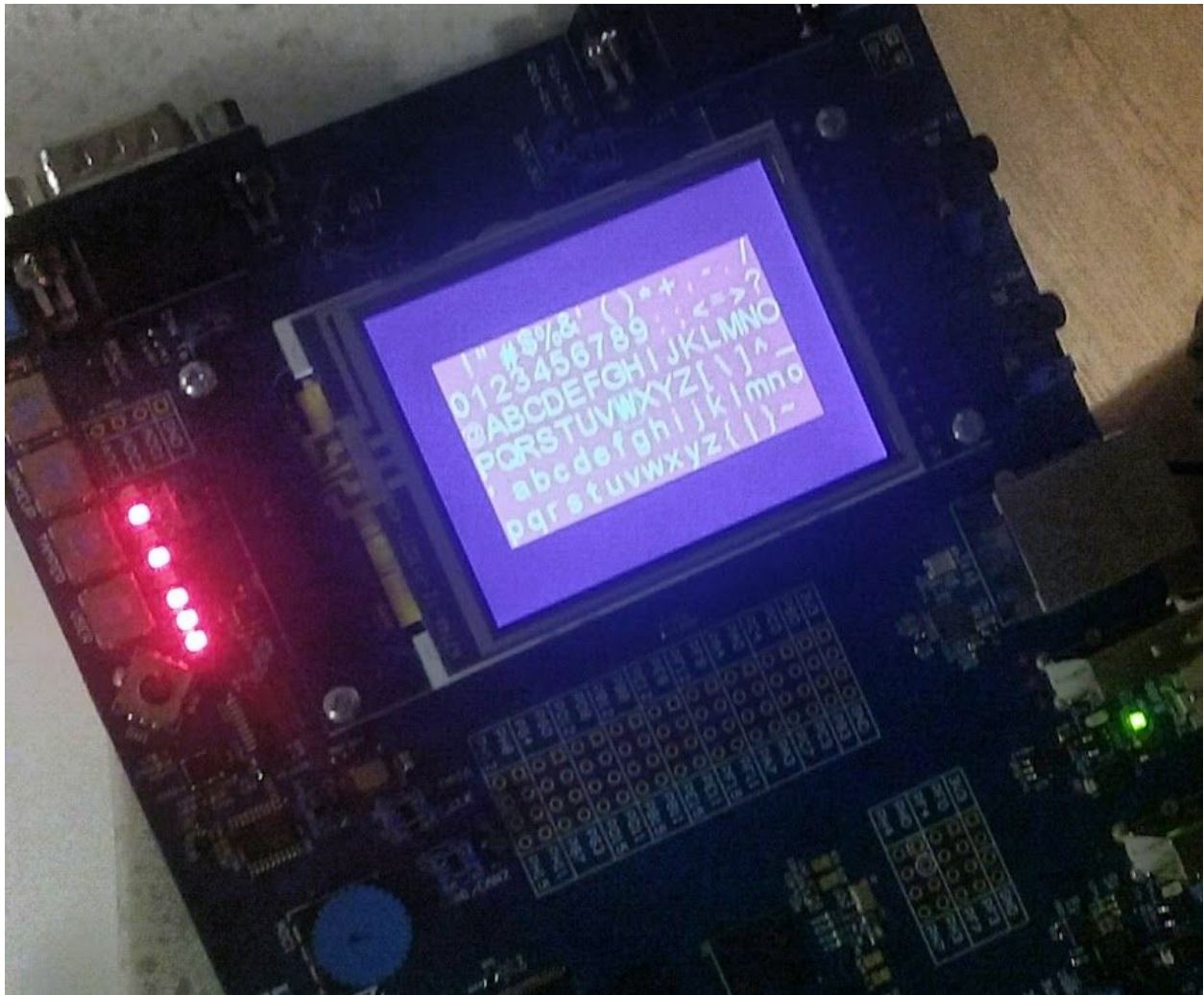
Lukas Merklein

U0000003882

## Description:

This lab demonstrates that the display can perform selection and lookup of arbitrary ASCII characters with the joystick as the input mechanism and the graphical LCD and LED array as the output mechanisms.

## Image of operation:



The character highlighted with a green box, capital W, is correctly converted from ASCII to hexadecimal as the number 0x57.

## Conclusion:

The display correctly colors, draws, and selects the printable ASCII characters. The LEDs correctly displays the bit-value of the ASCII character highlighted for illumination.