

Lab 6 Task 2:  
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| Pin Set | Actual Pin Number on STM32 | Default Function of the pin on 100pin STM32F103VET6 | I/O Function | Alternate Functions | Function on the MINI V3 Development Board | Can use for 7-segment LED?             |
|---------|----------------------------|---|--------------|---------------------|---|--|
| A       | 89                         | PB3   | No           | SPI3_SCK / I2S3_CK/ | SWD to JTAG                               | No, as SWD used to connect to debugger |
| B       | 58                         | PD11  | Yes          | FSMC_A16            | LCD CMD or Data                           | No, used by LCD in this lab            |
| C       | 05                         | PE6   | Yes          | TRACED3/ FSMC_A22   | DHT11                                     | Yes, DHT11 not used                    |
| D       | 40                         | PE9   | Yes          | FSMC_D6             | LCD data bus 6                            | No, used by LCD in this lab            |
| E       | 74                         | VSS   | No           |                     |   | No                                     |
| F       | 07                         | PC13  | Yes          | TAMPER-R TC         | Button key 2                              | No, used by button 2                   |
| G       | 20                         | VREF-   | No           |                     |   | No                                     |

Actual Used:

| Pin Set | Default Function of the pin on 100pin STM32F103VET6 |
|---------|---|
| A       | PB13  |
| B       | PB15  |
| C       | PE6   |
| D       | PE5   |
| E       | PA4   |
| F       | PB12  |
| G       | PB14  |