Project: Flight Controller D! Prepared by: Date: 2022-03-23 Precess Set-Point adjust Controller Tuning Interface Devices State Have ideas but not implemented yet Safety routine System state User level Implemented and tested Currently working on it Feedback controller Controller To be done next Altitude P-Controlle Manual Controller Complimantary Filter (sensor fusion) Calibration S/W Signal conditioning Speed controller BMI160 + BMM150 BMP388 External Sensor Drivers LED Driver Sound Driver UART Debug code Switches Driver I2C I/O Expander Application Debug Layer UART STDIO BLUETOOTH STDIO uC Hardware Drivers Timers PWM UART SysClk SysTick (Inside uC) (Outside uC) BMI160 + BMM150 BMP388 Not yet tested BLUETOOTH Tested and working