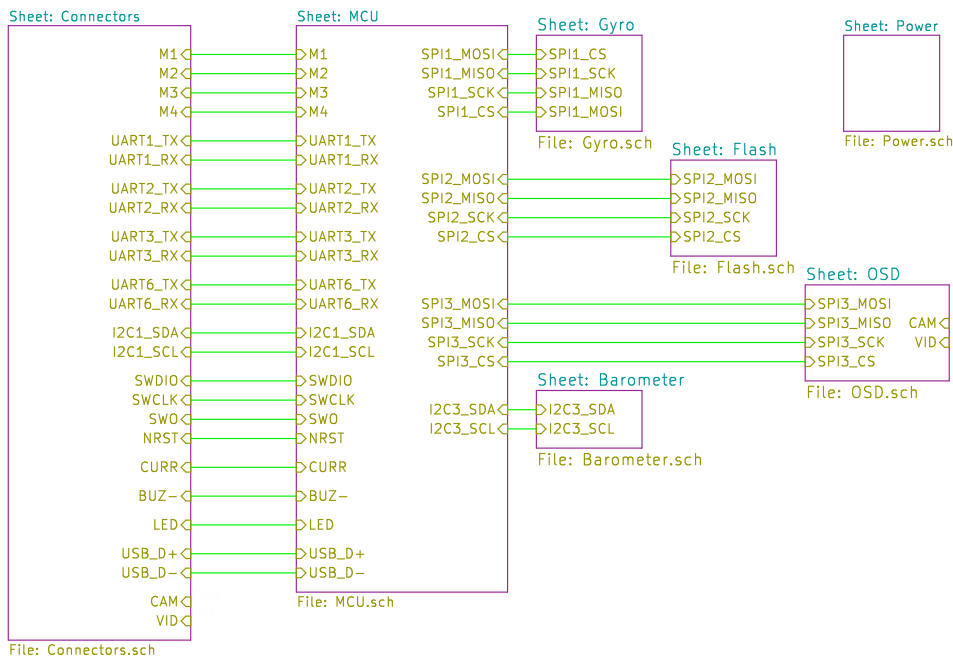
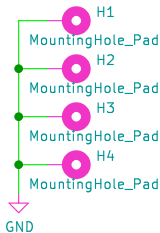


# Main



## Mounting Holes



## Images

L3 L4 L5  
USN EGA Arrow

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**Title: F722 Flight Controller**

Size: A4 Date: KiCad E.D.A. kicad (5.1.6-0-10\_14)

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Figure 15. STM32F722xx LQFP64 pinout

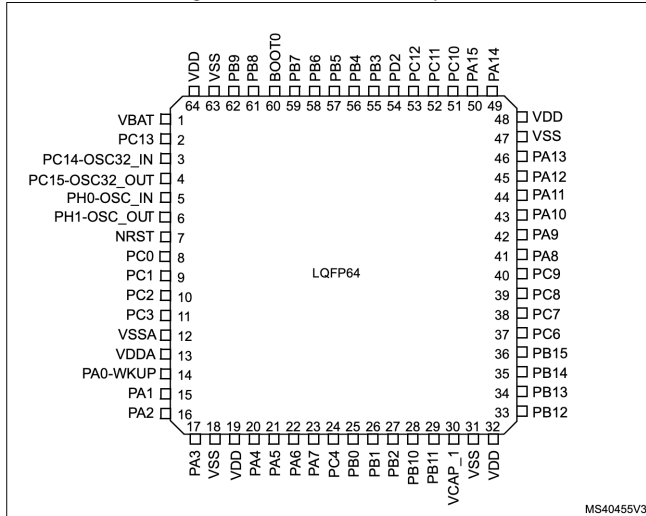
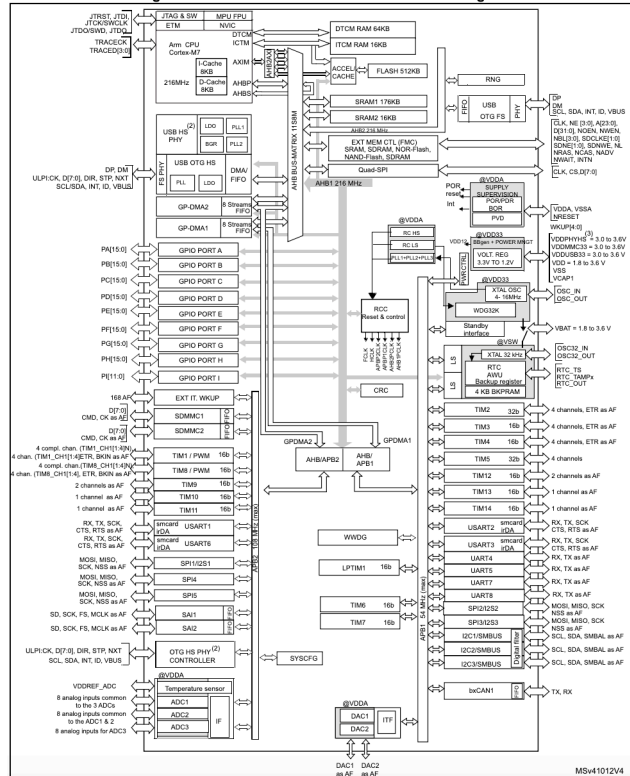
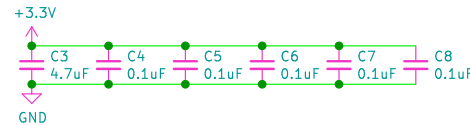


Figure 6. STM32F722xx and STM32F723xx block diagram

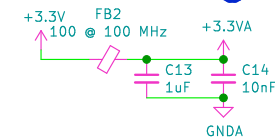


# MCU

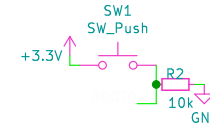
## Input Filtering



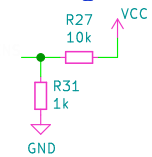
## Analog Filtering



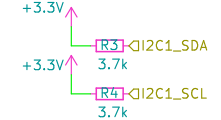
## Button



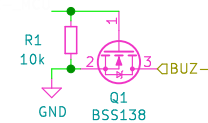
## Voltage Sense



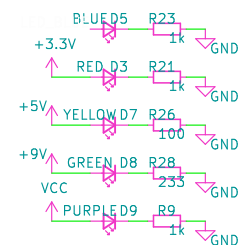
## I2C PullUps



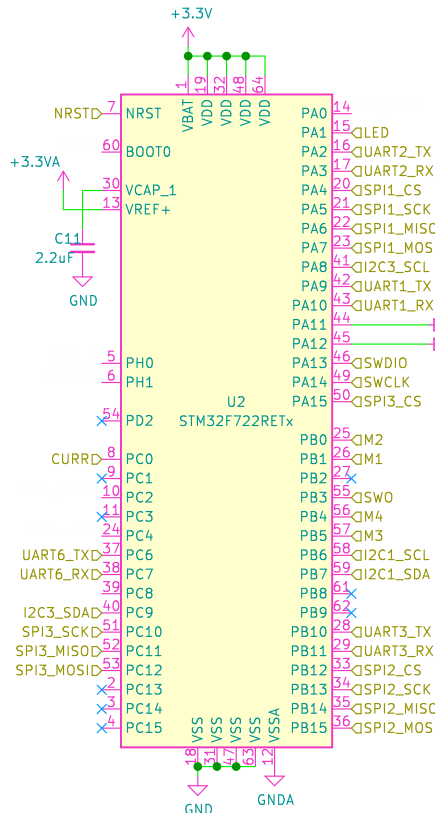
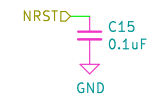
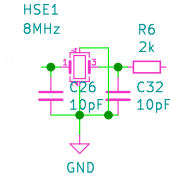
## Buzzer



## LEDs



## Oscillator



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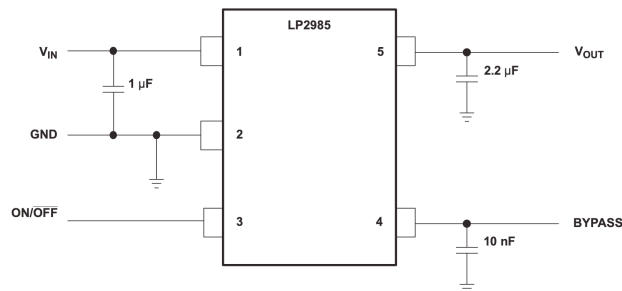
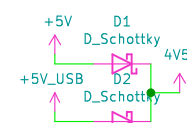
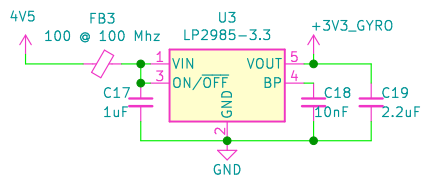
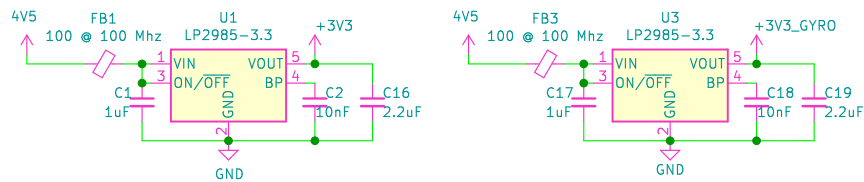
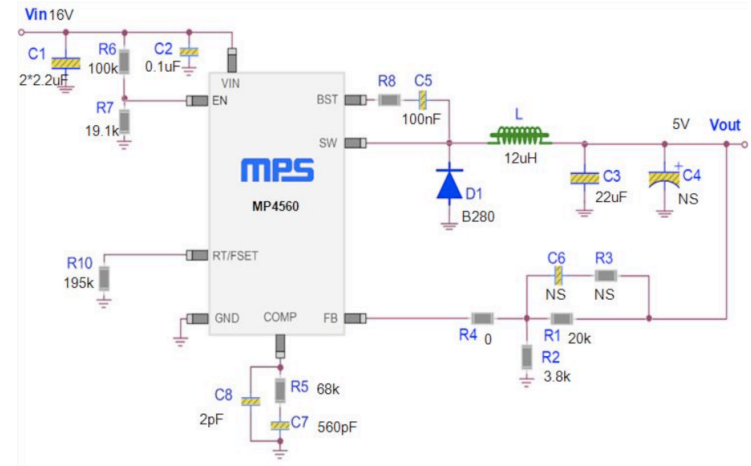
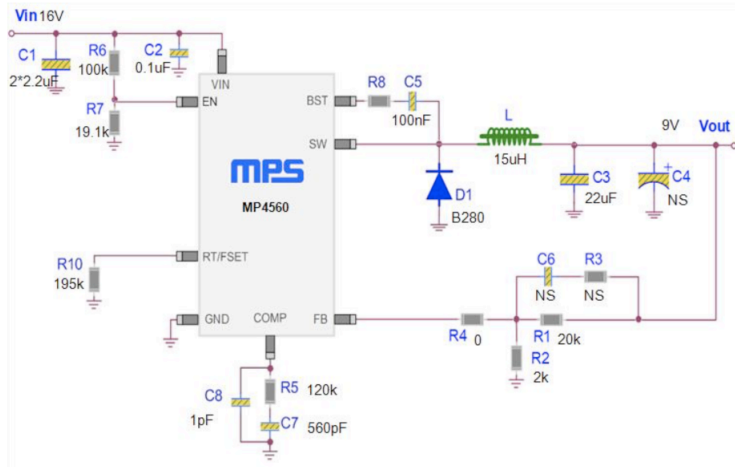
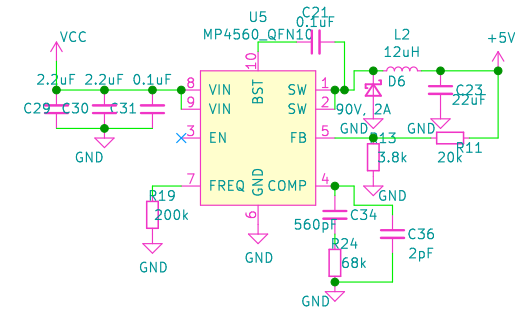
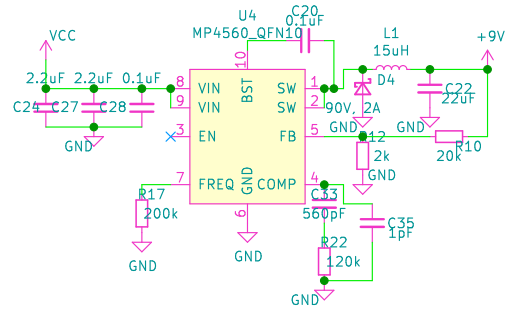
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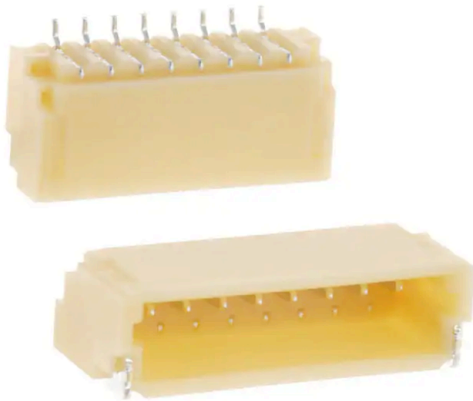
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**Rev:**

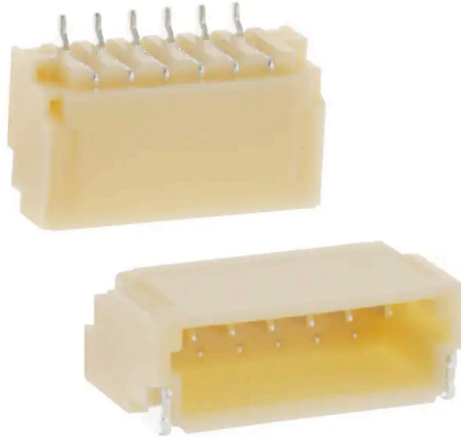
Id: 3/8

# Connectors

## JST 8 Pin Conn



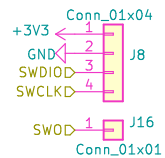
## JST 6 Pin Conn



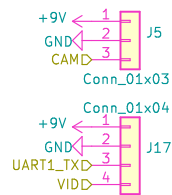
## USB Conn



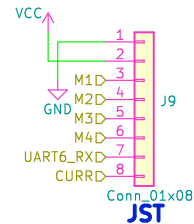
### SWD



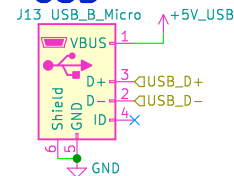
### CAMERA



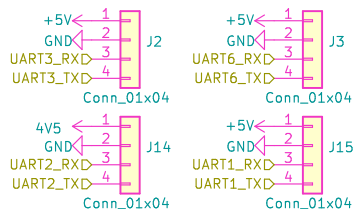
### FC to ESC Harness



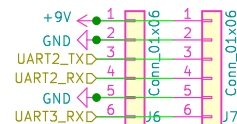
### USB



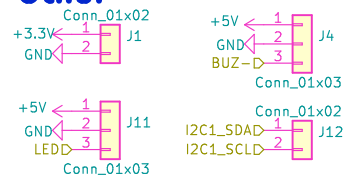
### UARTS



### DJI



### Other



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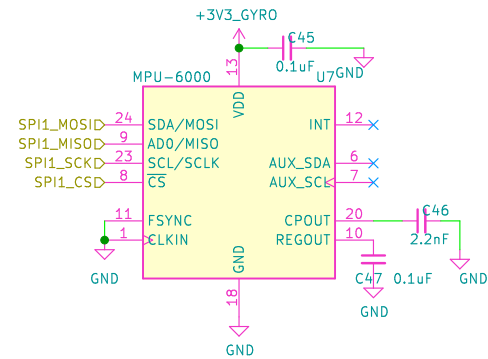
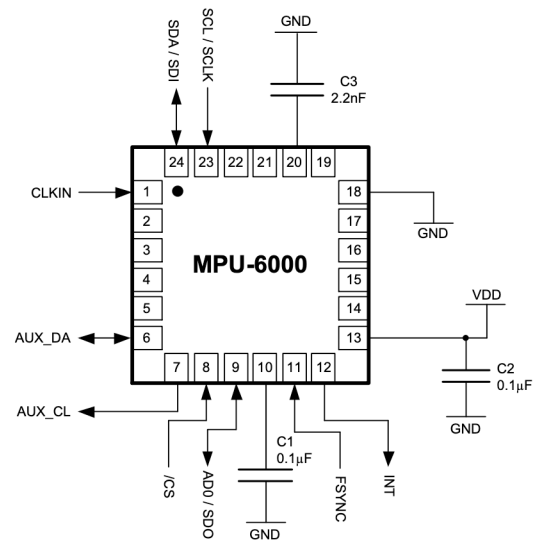
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# Gyro

## 7.2 Typical Operating Circuit



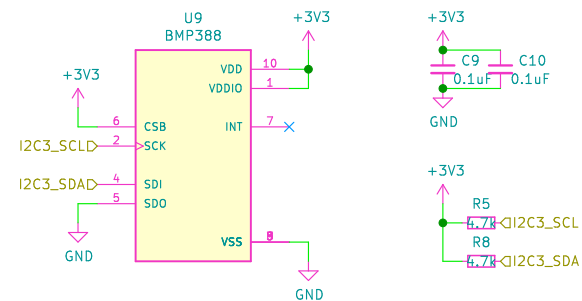
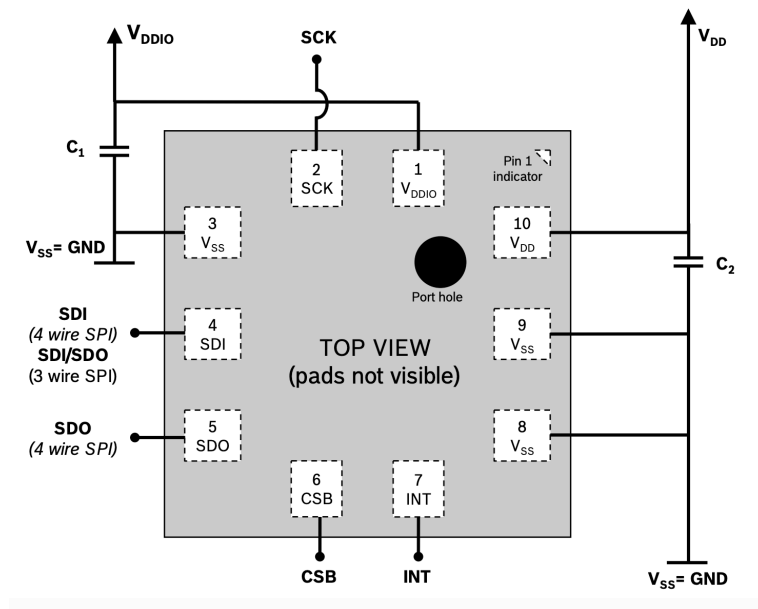
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Size: A4

Date:

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# Dataflash

