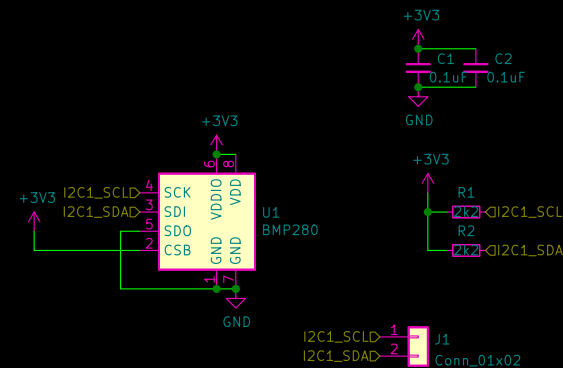
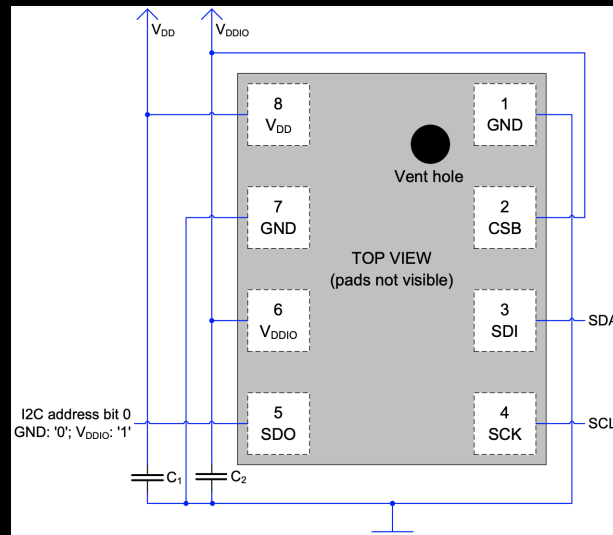




Barometer



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Connectors

JST 8 Pin Conn



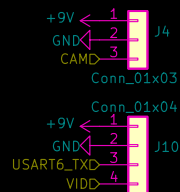
JST 6 Pin Conn



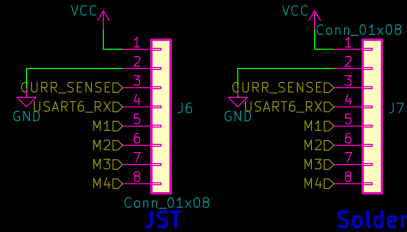
USB Conn



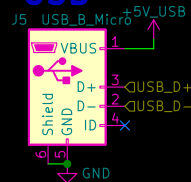
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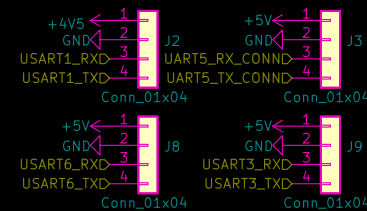
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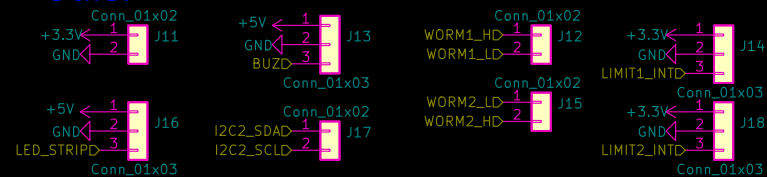
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UARTS



Other



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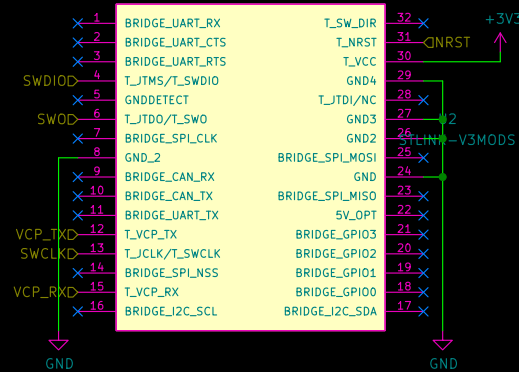
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Debugger

Side	Pin #	Pin description	Type
LEFT	1	Bridge UART RX ⁽¹⁾	I
	2	Bridge UART CTS	I
	3	Bridge UART RTS	O
	4	T_JTMS/T_SWDIO	O
	5	GNDDetect ⁽²⁾	I
	6	T_JTDO/T_SWO ⁽³⁾	I
	7	Bridge SPI CLK	I/O
	8	GND	S
	9	Bridge CAN RX ⁽¹⁾	I
	10	Bridge CAN TX ⁽⁴⁾	O
	11	Bridge UART TX ⁽⁴⁾	O
	12	T_VCP_TX	I
	13	T_JCLK/T_SWCLK	O
	14	Bridge SPI NSS	I/O
	15	T_VCP_RX	O
	16	Bridge I2C_SCL	O
RIGHT	17	Bridge I2C_SDA	I/O
	18	Bridge GPIO0	I/O
	19	Bridge GPIO1	I/O
	20	Bridge GPIO2	I/O
	21	Bridge GPIO3	I/O
	22	Reserved ⁽⁵⁾	-
	23	Bridge SPI MISO	I/O
	24	GND	S
	25	Bridge SPI MOSI	I/O
	26	GND	S
	27	GND	S
	28	T_JTDI/NC ⁽⁶⁾	O
	29	GND	S
	30	T_VCC ⁽⁷⁾	I
	31	T_NRST	O
	32	T_SW_DIR	O



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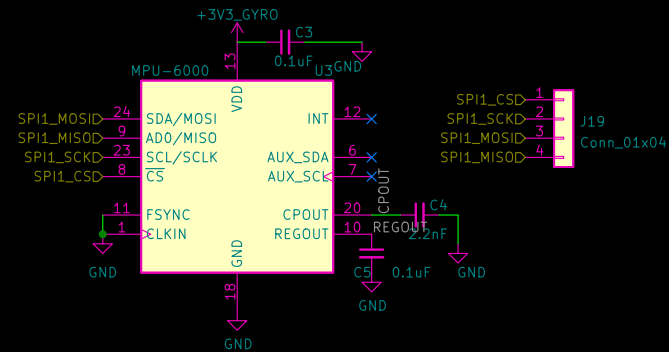
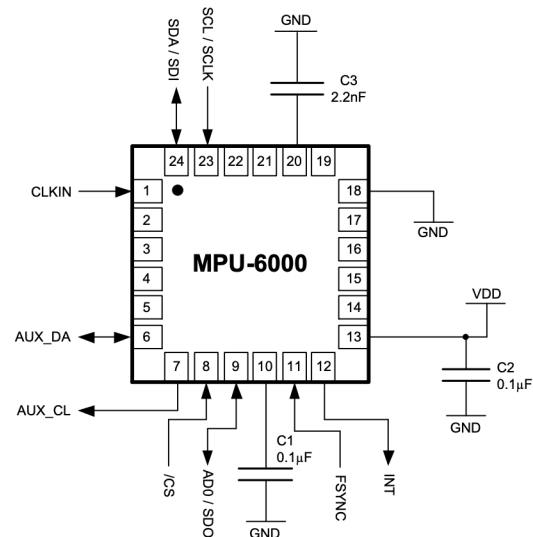
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Gyro

7.2 Typical Operating Circuit



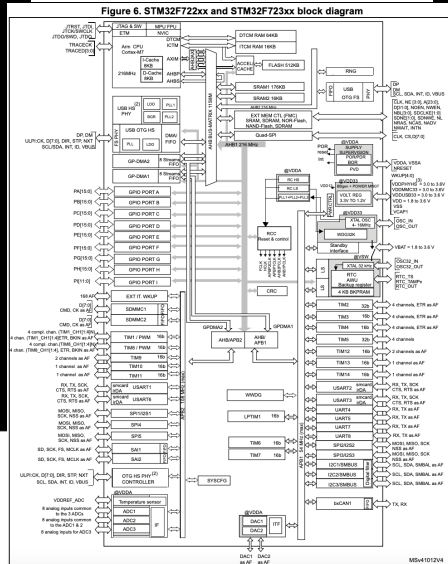
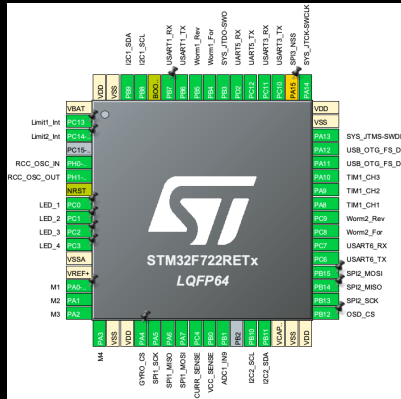
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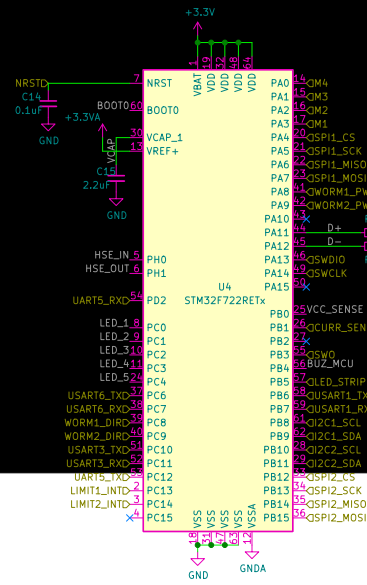
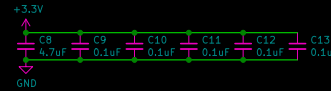
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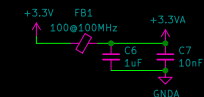


MCU

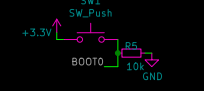
Input Filtering



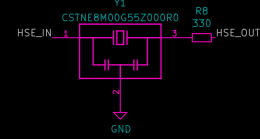
Analog Filtering



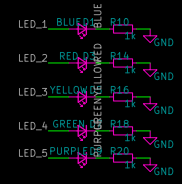
Button



Oscillator



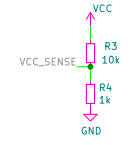
User LEDs



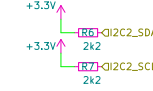
UART Jumpers



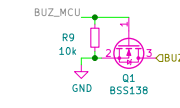
Voltage Sense



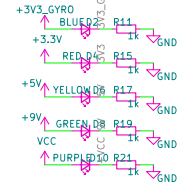
I2C PullUps



Buzzer



Power LEDs

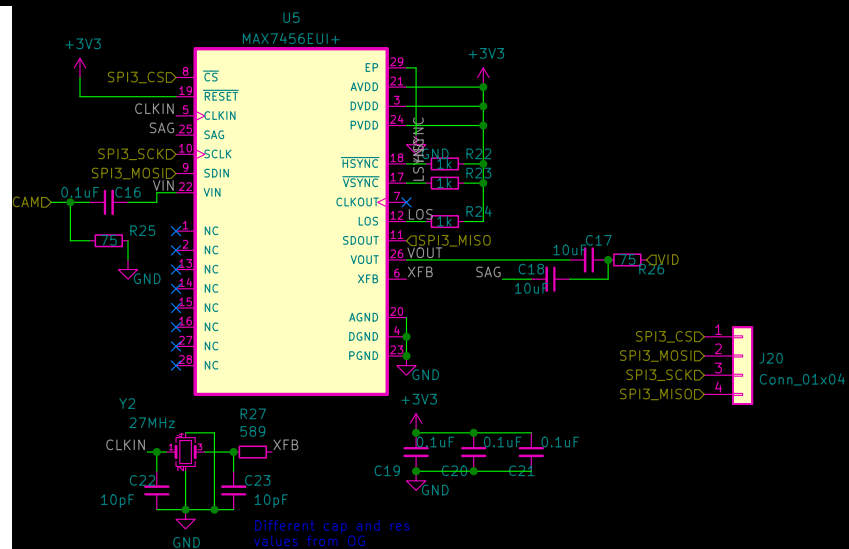
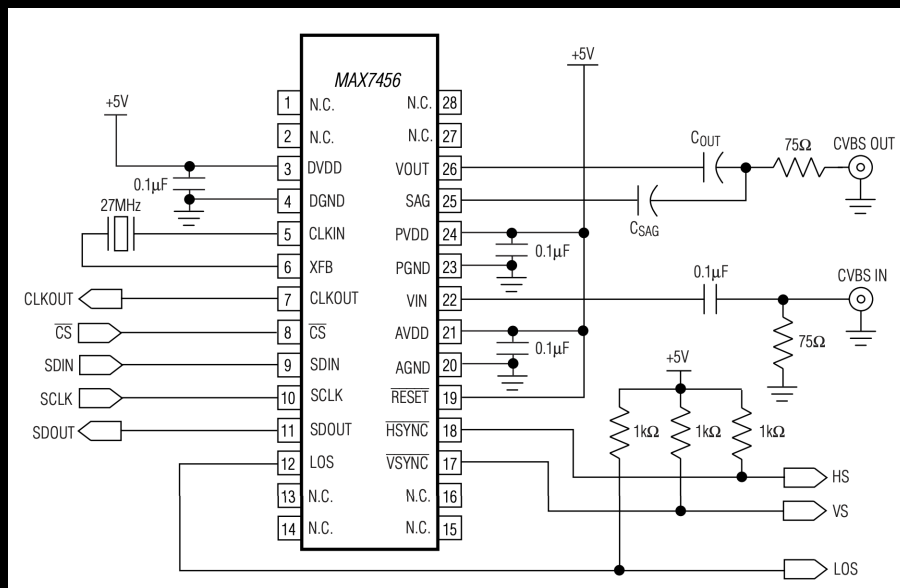


OSD

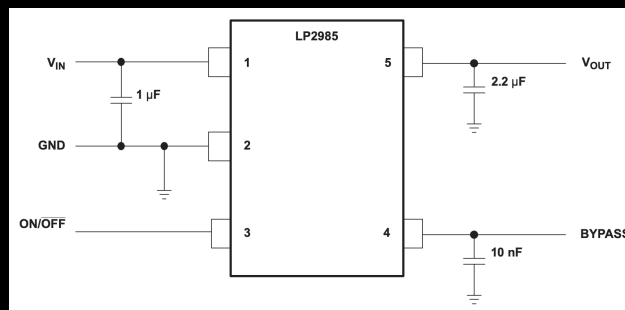
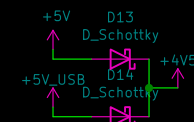
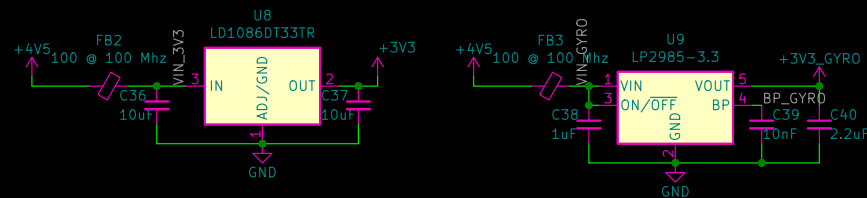
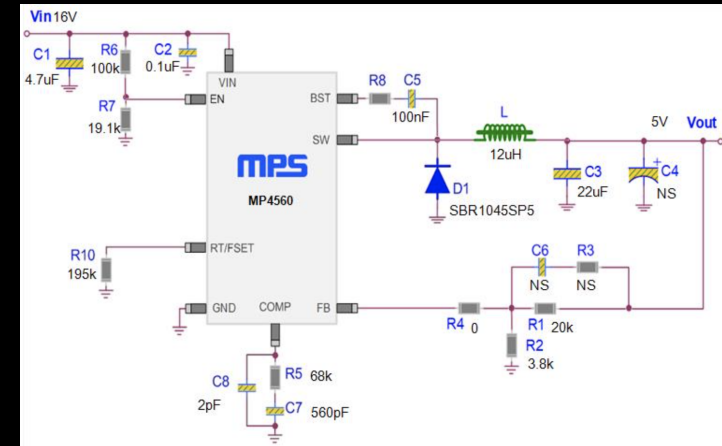
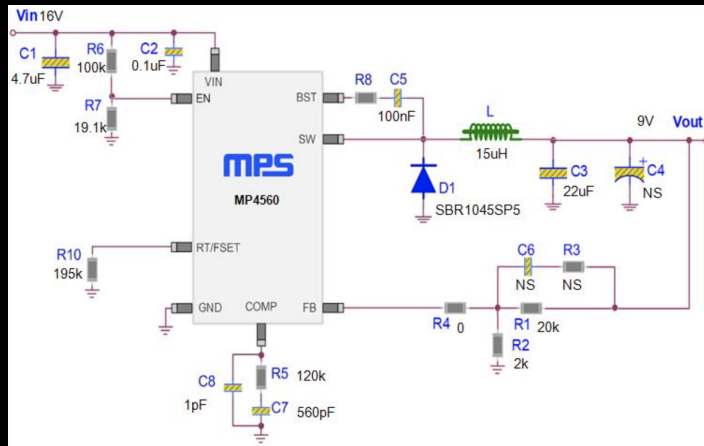
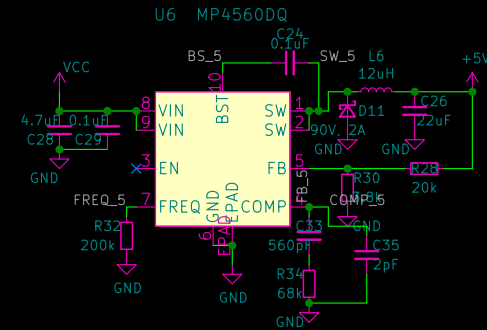
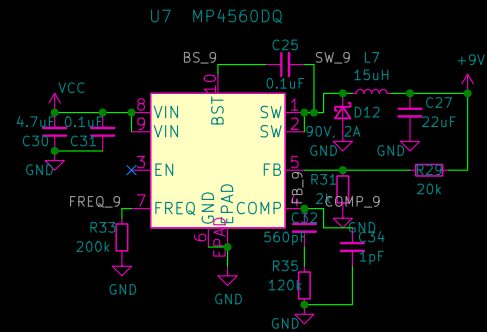
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Power



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