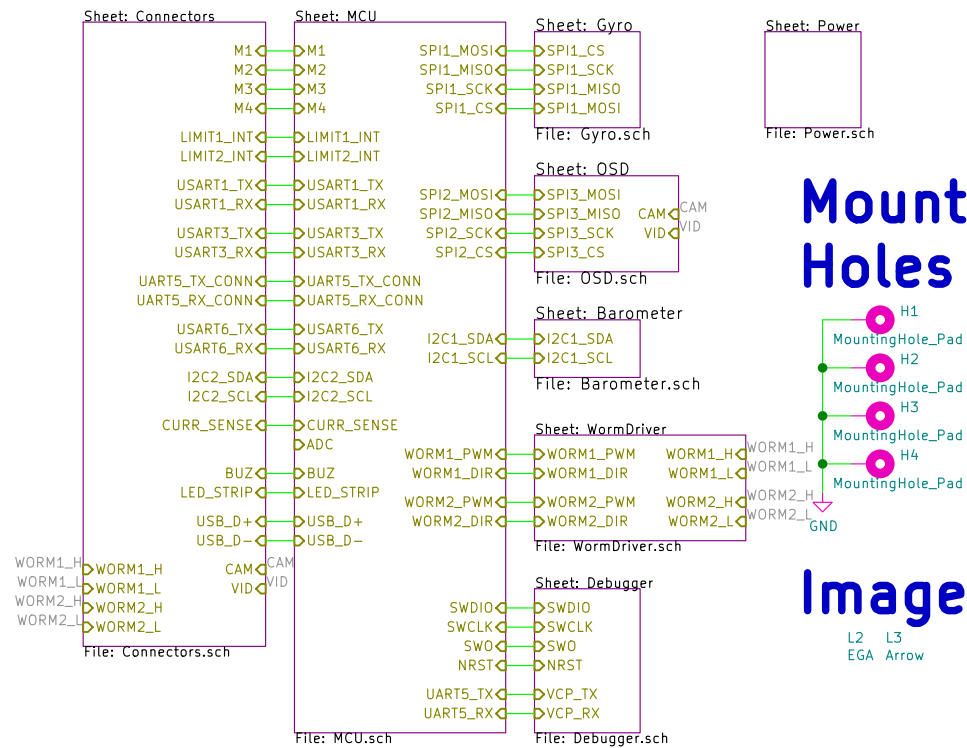


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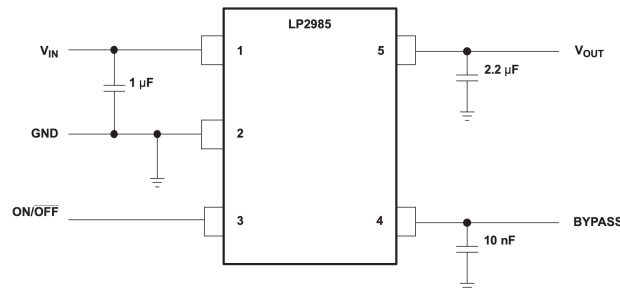
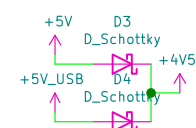
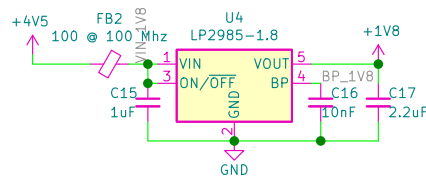
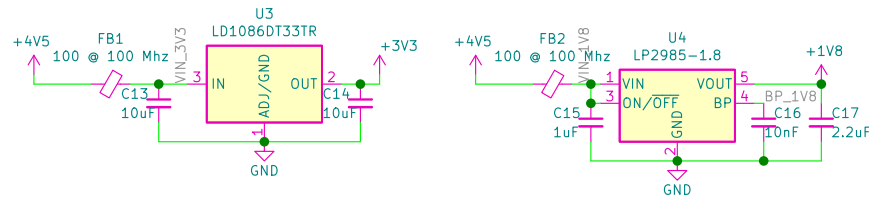
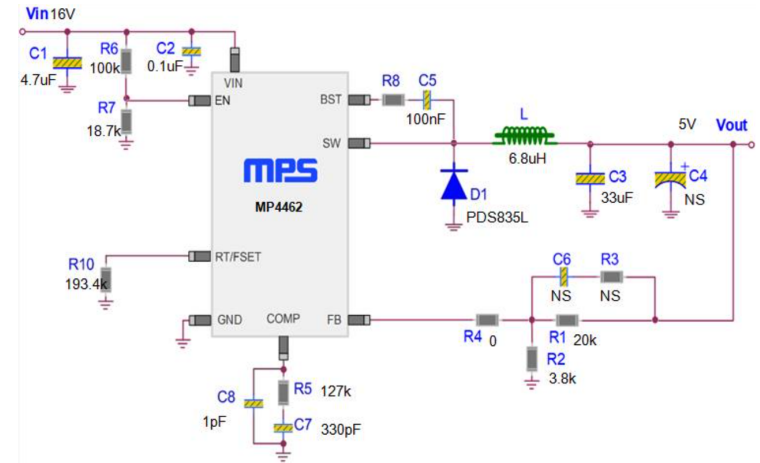
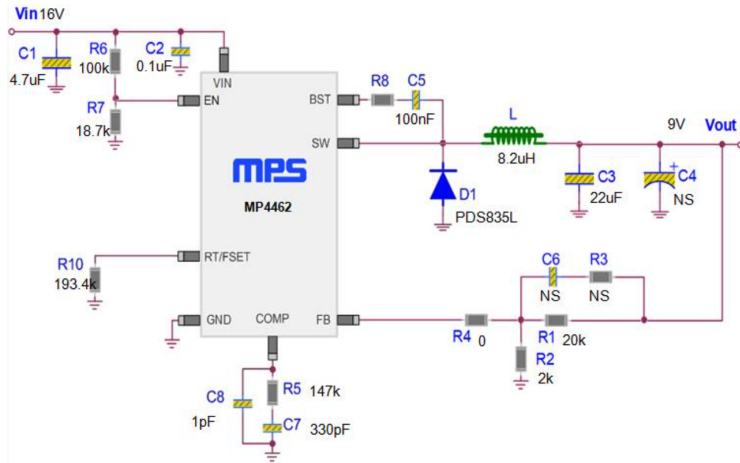
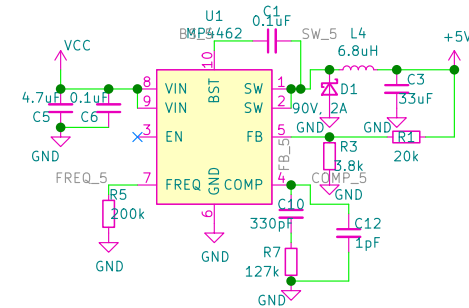
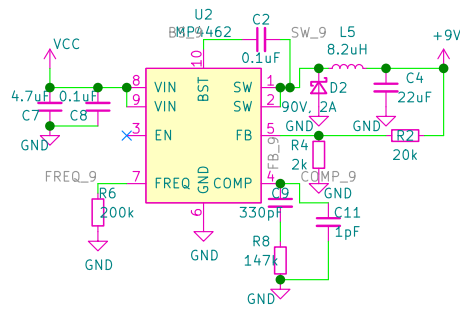


Mounting
Holes

Images

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Power



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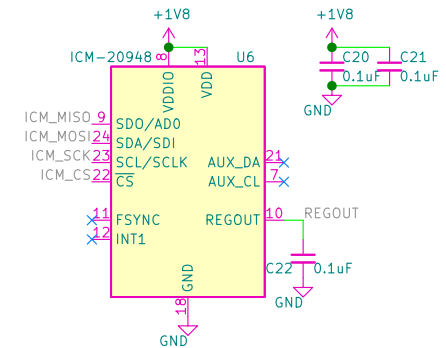
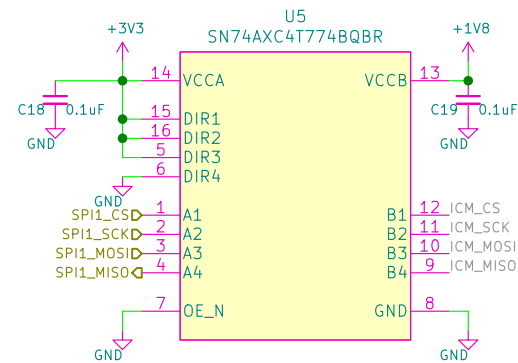
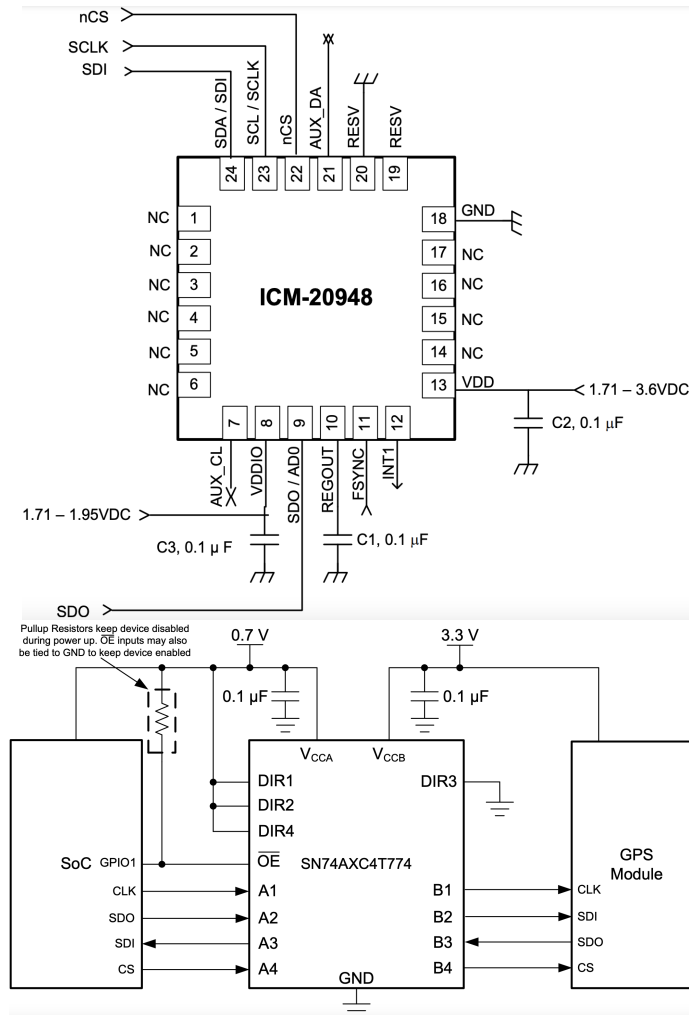
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Gyro



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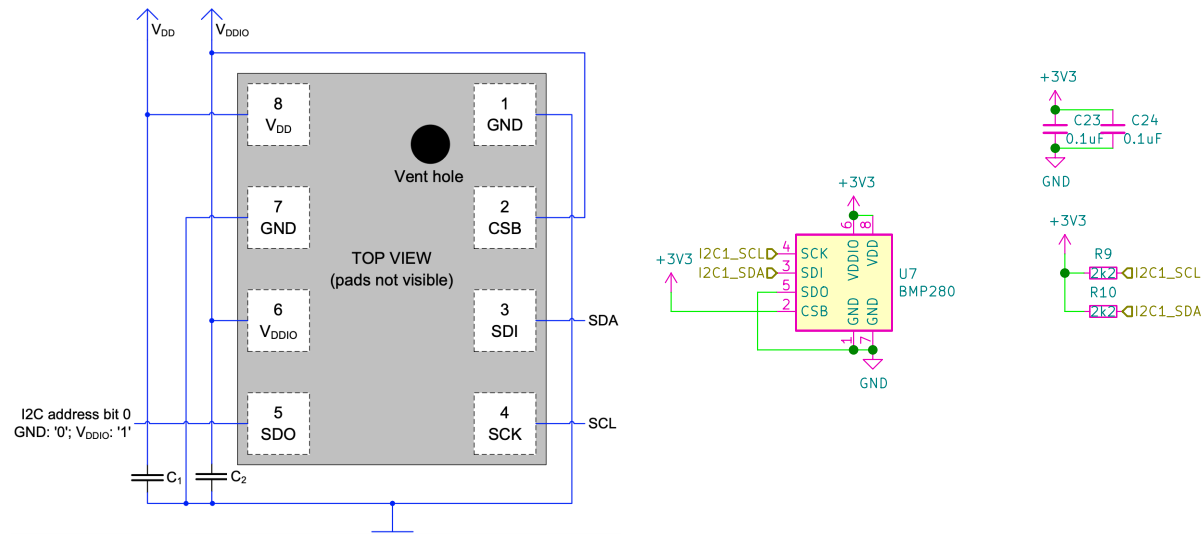
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Barometer



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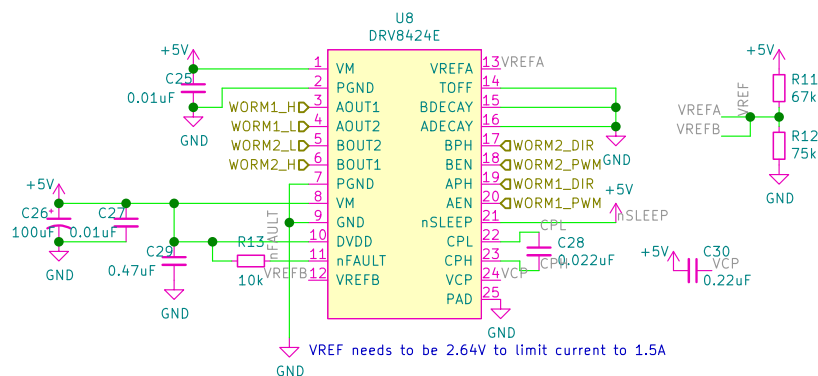
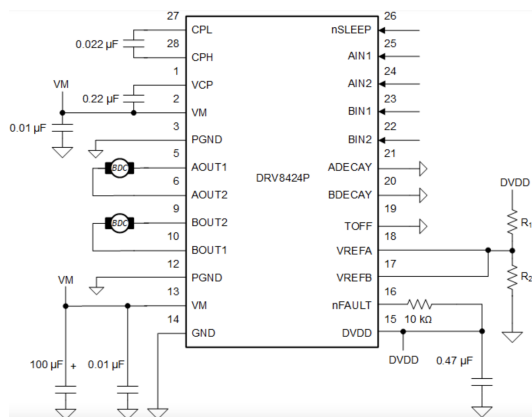
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Worm Motor Driver



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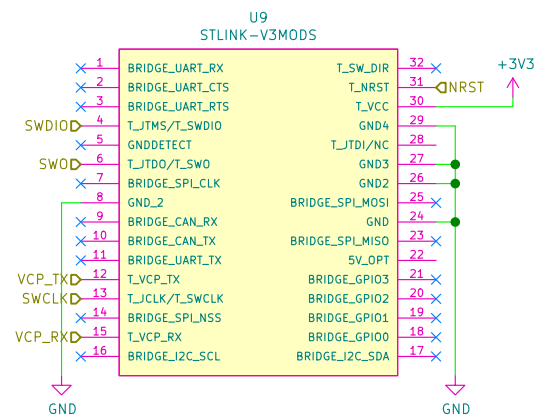
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Debugger

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



Sheet: /Debugger/
File: Debugger.sch

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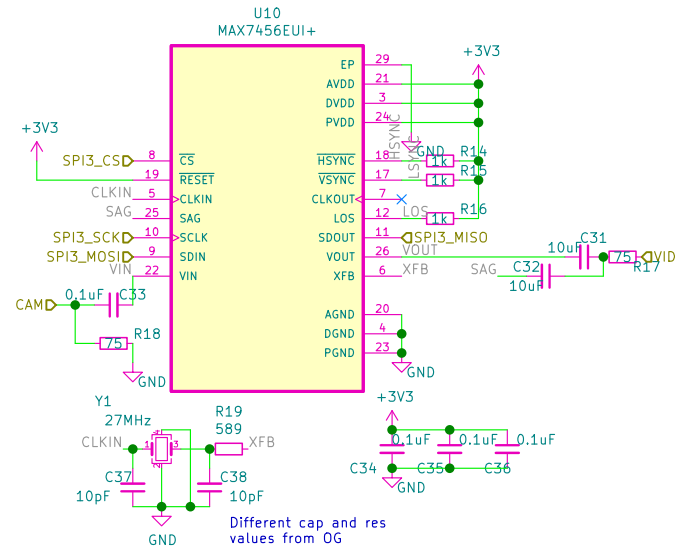
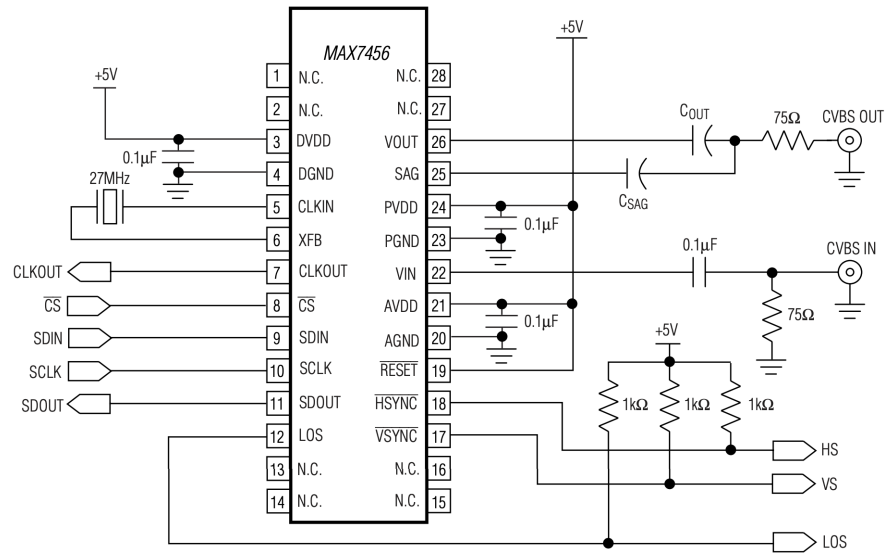
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OSD



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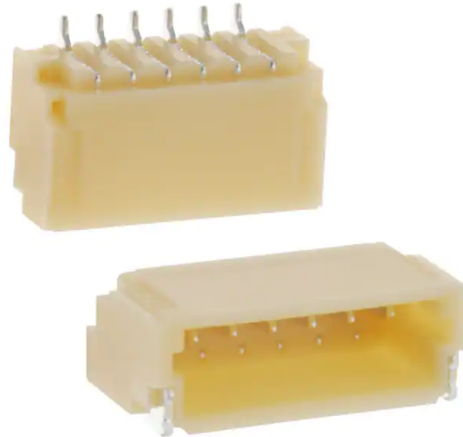
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Connectors

JST 8 Pin Conn



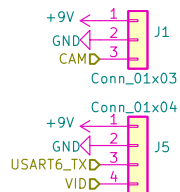
JST 6 Pin Conn



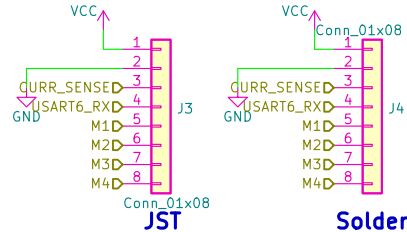
USB Conn



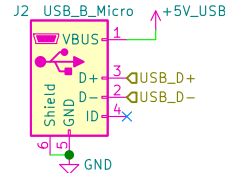
CAMERA



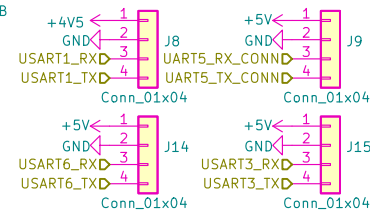
FC to ESC Harness



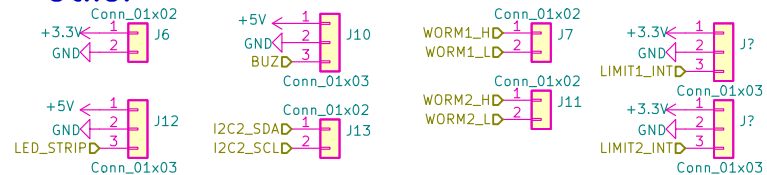
USB



UARTS



Other



Sheet: /Connectors/
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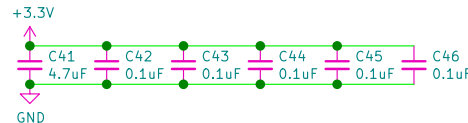
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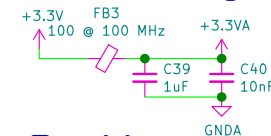
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MCU

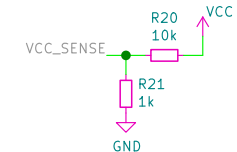
Input Filtering



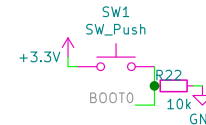
Analog Filtering



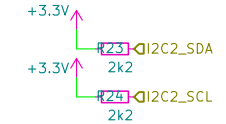
Voltage Sense



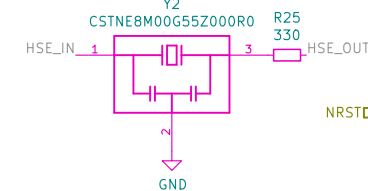
Button



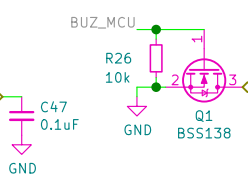
I2C PullUps



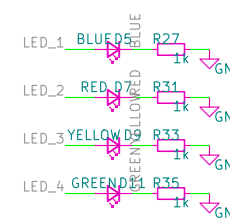
Oscillator



Buzzer



User LEDs



Power LEDs

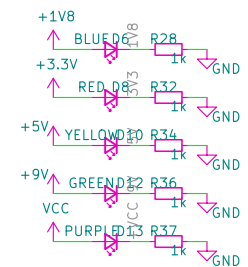
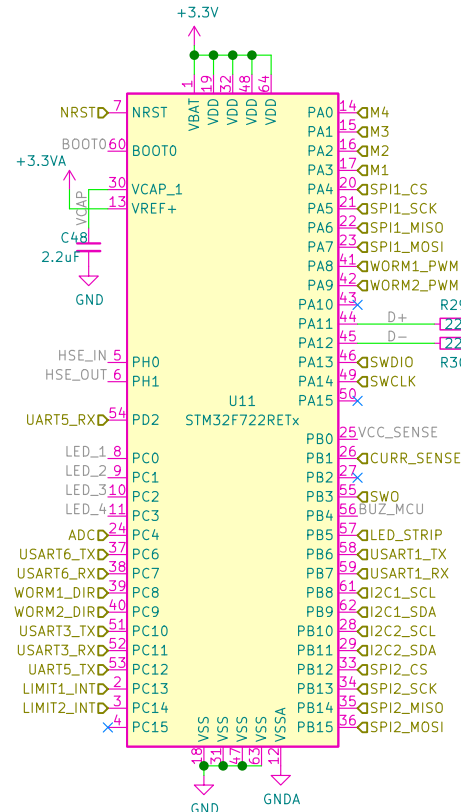
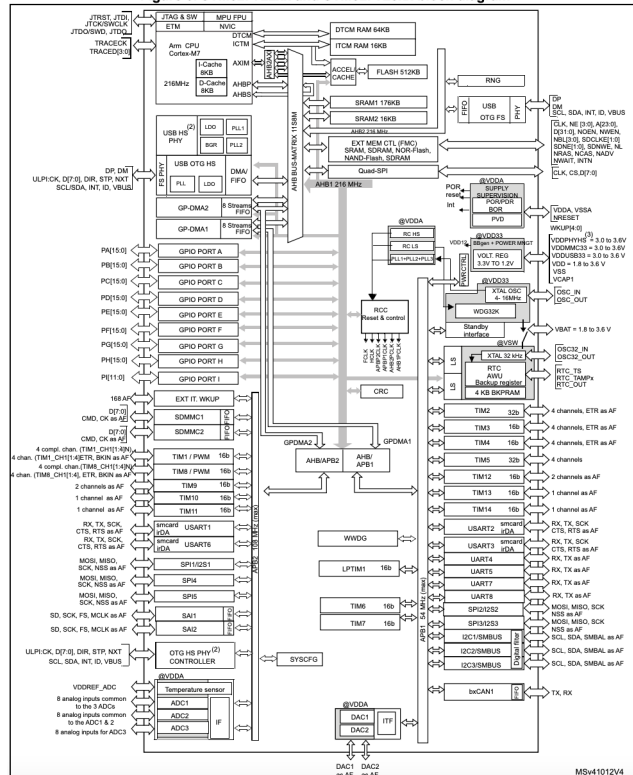


Figure 6. STM32F722xx and STM32F723xx block diagram



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