

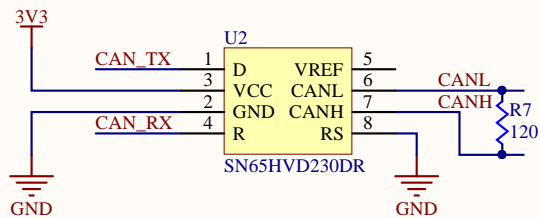
Front (F) Right (R) Horizontal (H)
Back (B) Left (L) Vertical (V)

PWM uses Motion Control Module 0 (M0) Generator 0-3

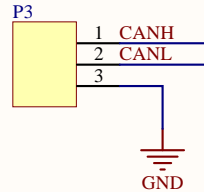
UART Module 6
CAN Module 0

FH	Gen1	L-PWM3(B5)	R-PWM2(B4)
FV	Gen2	L-PWM4(E4)	R-PWM5(E5)
BH	Gen0	L-PWM0(B6)	R-PWM1(B7)
BV	Gen3	L-PWM7(C5)	R-PWM6(C4)

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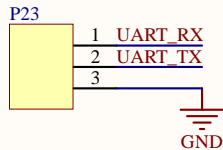


MOLEX-HDR-1x3-SHERLOCK_VERT



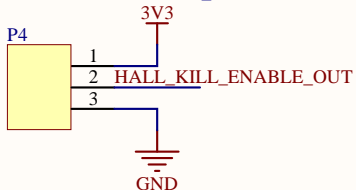
CAN

MOLEX-HDR-1x3-SHERLOCK_VERT

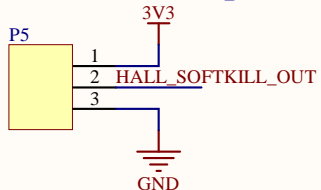


UART

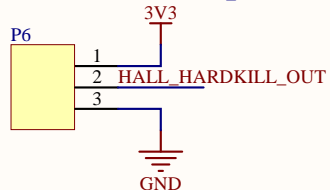
MOLEX-HDR-1x3-SHERLOCK_VERT



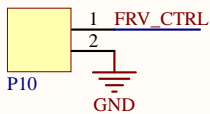
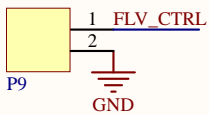
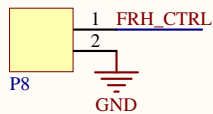
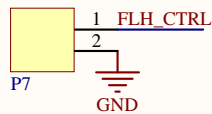
MOLEX-HDR-1x3-SHERLOCK_VERT



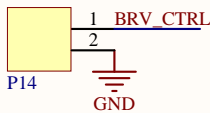
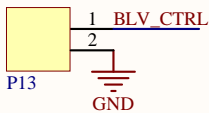
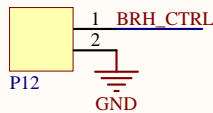
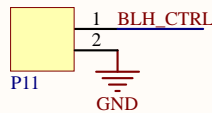
MOLEX-HDR-1x3-SHERLOCK_VERT



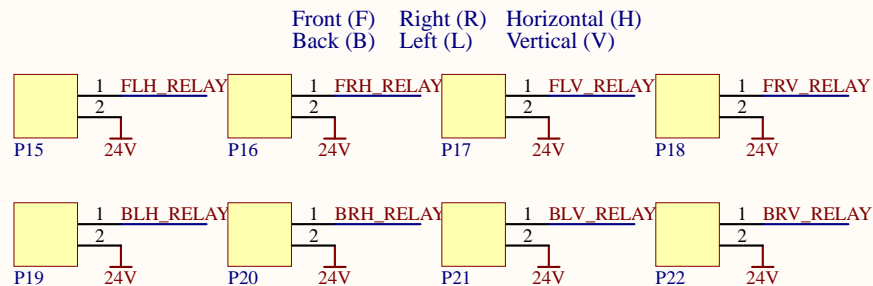
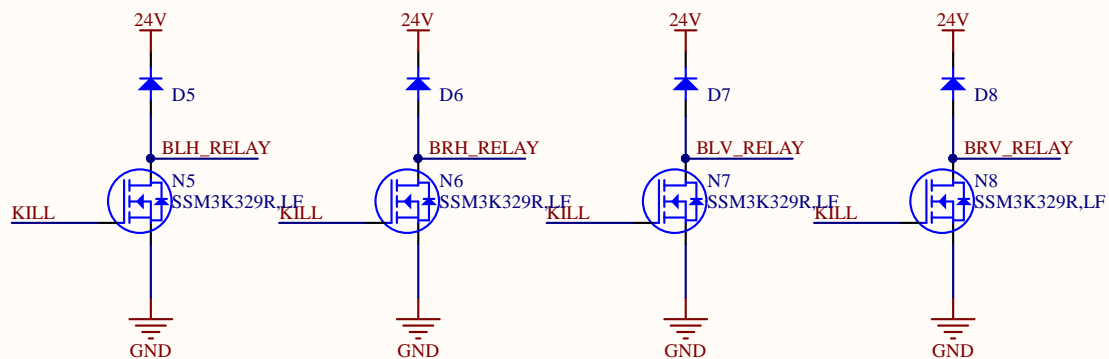
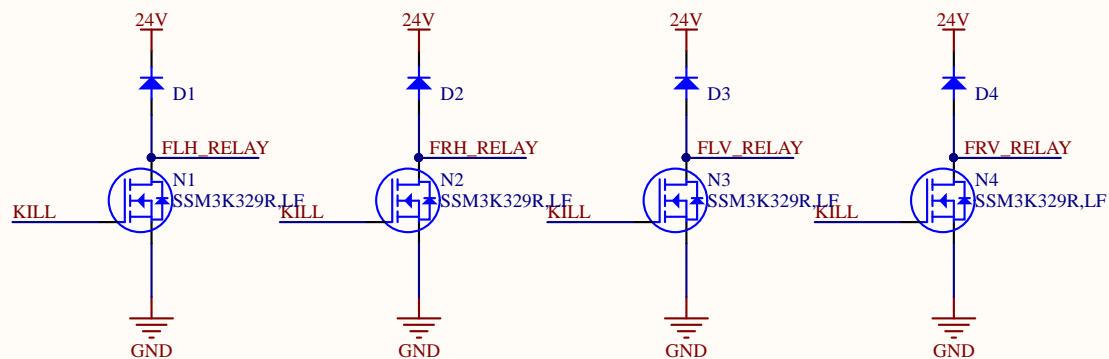
Hall effect sensors

Front (F) Right (R) Horizontal (H)
Back (B) Left (L) Vertical (V)

PWM for ESCs

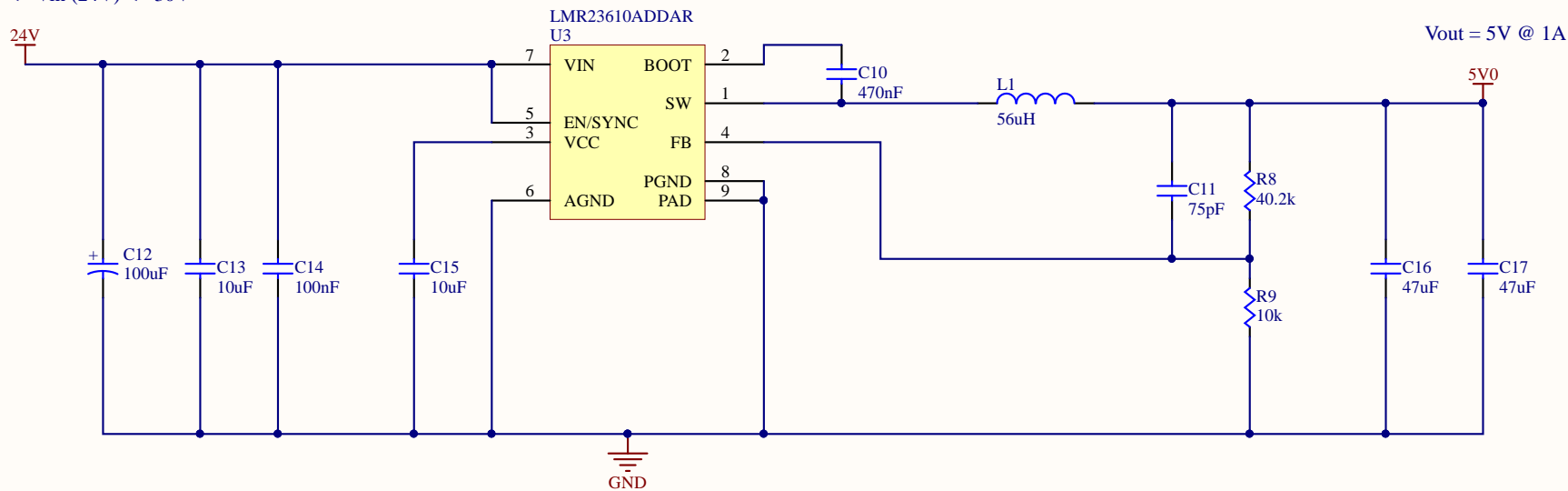


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Relay connectors

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$20V \leq V_{in} (24V) \leq 30V$ 

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File:	C:\Users\...\Power.SchDoc	Drawn By: