
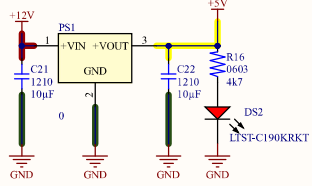


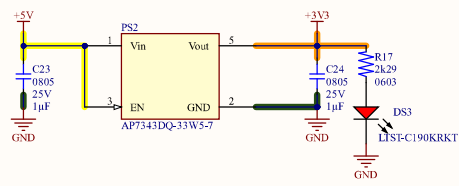
1		2		3		4		5		6	
A							REVISION	DATE	DRAWN BY	COMMENT	
							AA	5/17/2024	Ethan Zifzal	Initial Release of Schematic	
							B				
C											
D											

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	SHEET SIZE	TITLE		PART NUMBER	REVISION
	ANSI B	STM32F405 MCU Template		EL#####	AA
		LAST UPDATE 5/12/2025 9:18:00 PM		SHEET 1 of 4	

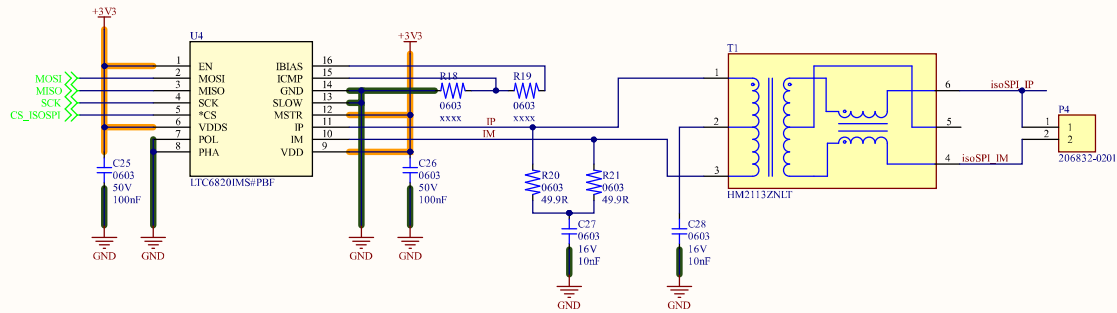
+5V Regulation (8V - 28V) @ 1A



+3V3 Regulation



isoSPI

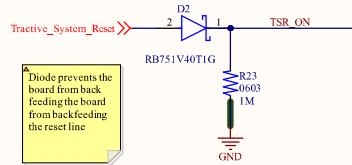


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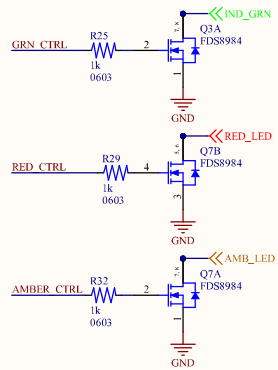


SHEET SIZE	TITLE	PART NUMBER	REVISION
ANSI B	STM32F405 MCU Template	EL#####	AA
	LAST UPDATE 5/12/2025 9:18:00 PM	SHEET 2 of 4	

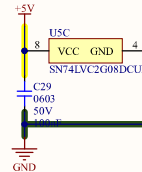
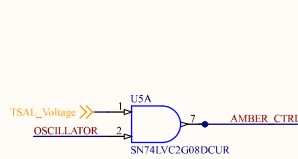
Tractive System Reset



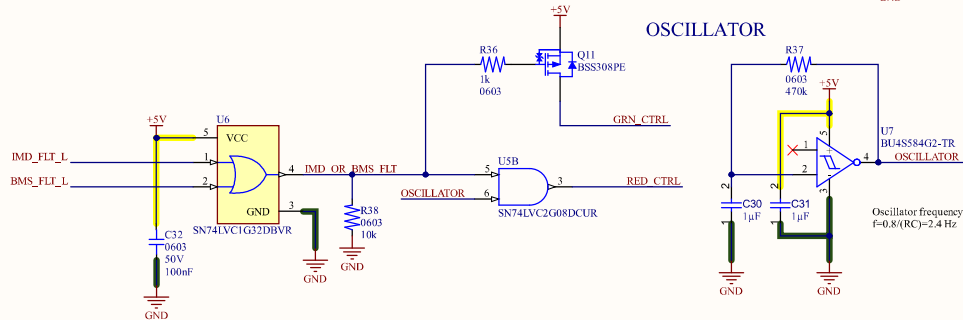
SSI / RTM Indicators



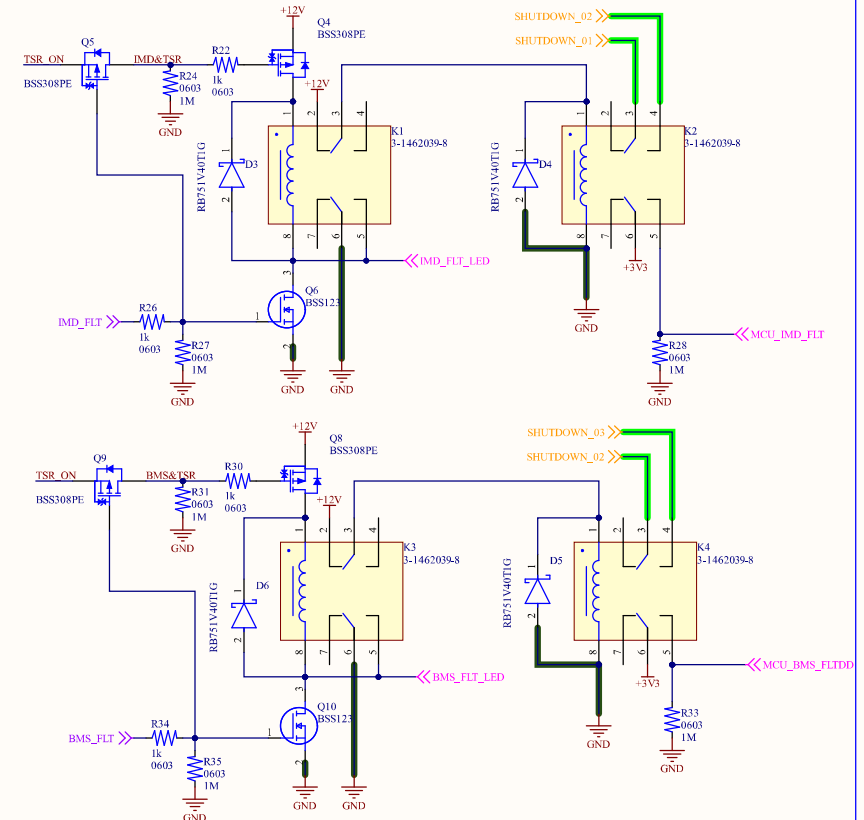
Amber Indicator



OSCILLATOR

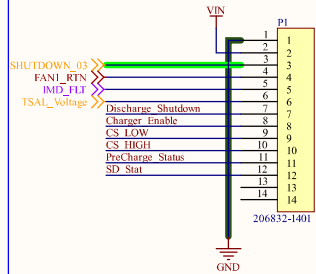


Shutdown Circuit Latching

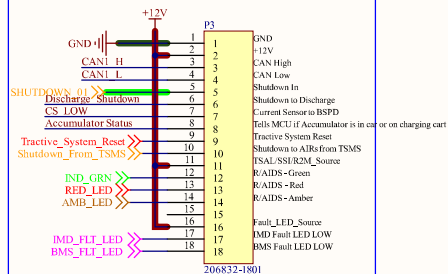


Connector to HV Board

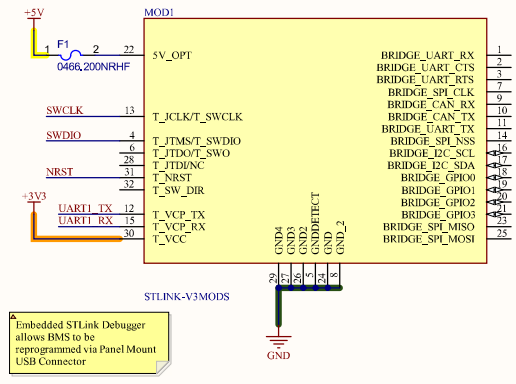
AMS Connector



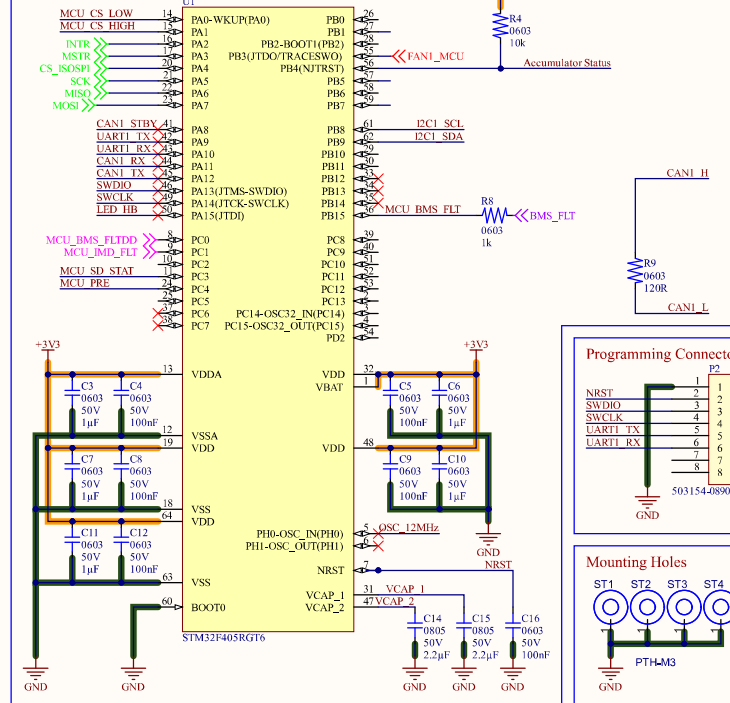
LV Bulkhead Connectors



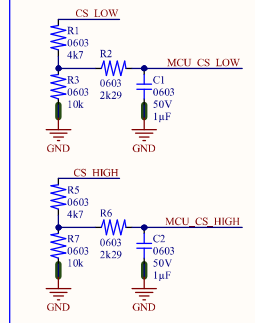
Embedd ST-Link Debugger



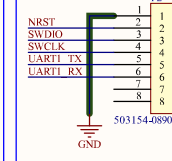
STM32 Microcontroller



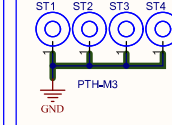
Current Filter



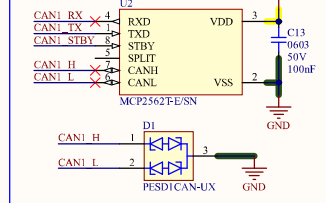
Programming Connector



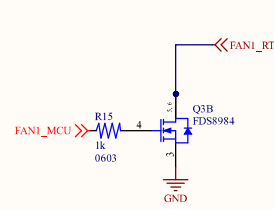
Mounting Holes



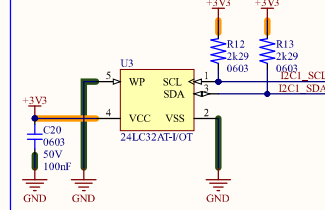
CAN Transceiver



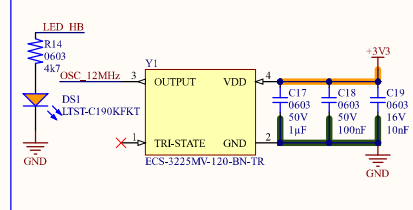
FAN Power Control



EEPROM



STM Accessory



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	SHEET SIZE	TITLE	PART NUMBER	REVISION
	ANSI B	STM32F405 MCU Template	EL#####	AA
	LAST UPDATE	5/12/2025 9:18:00 PM	SHEET	4 of 4