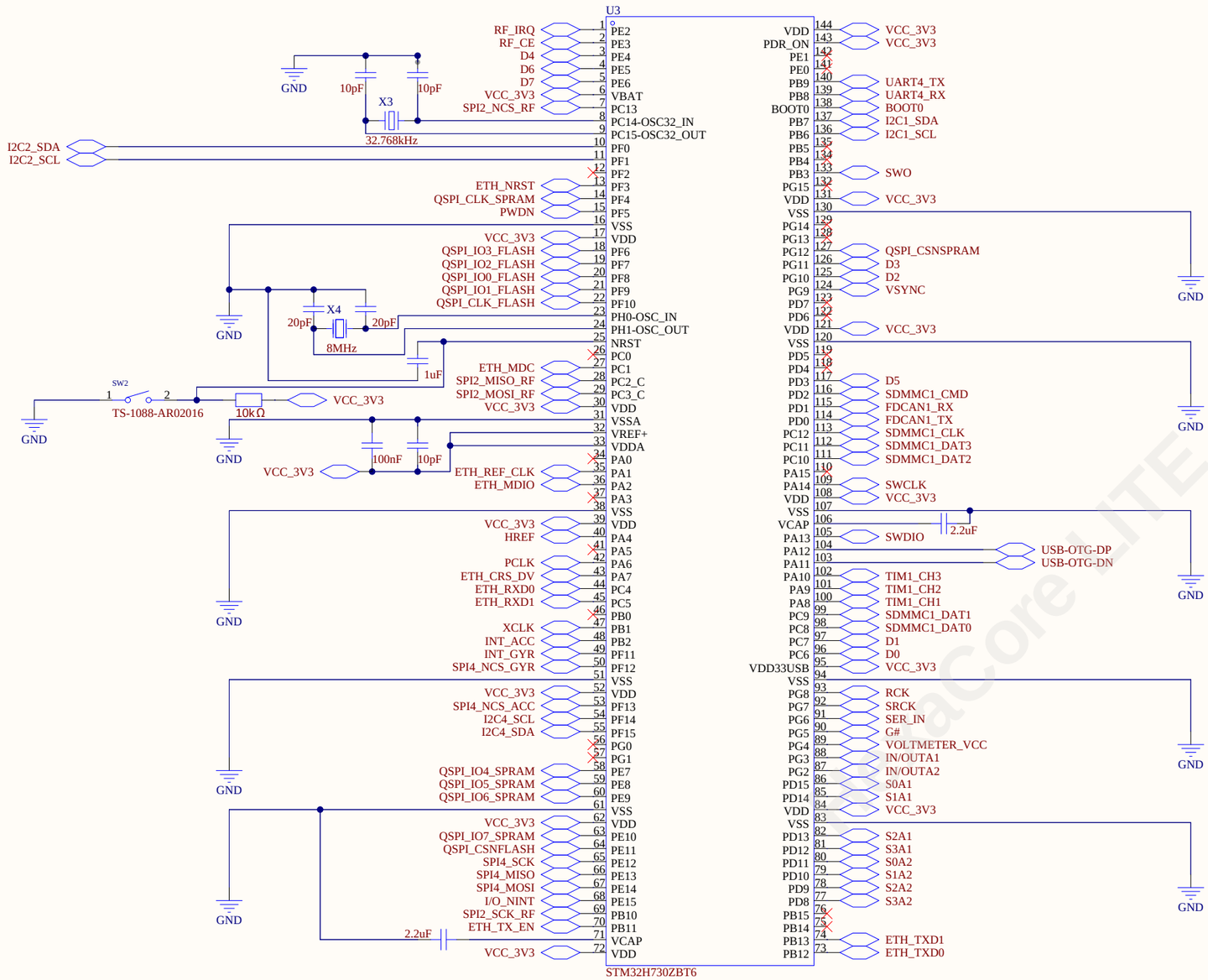
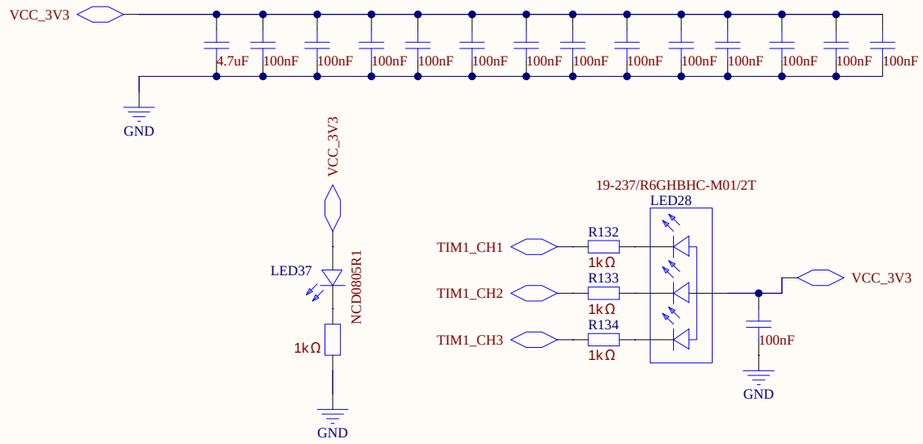
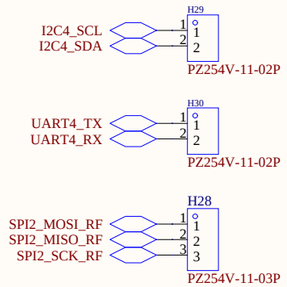
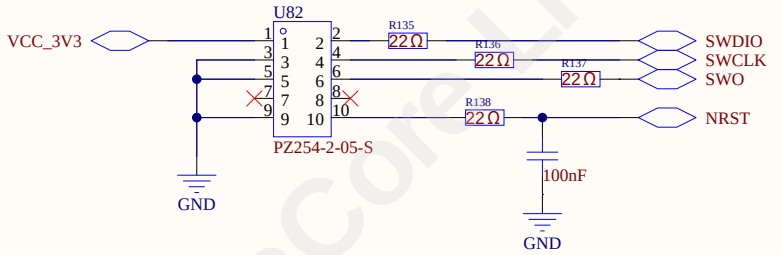


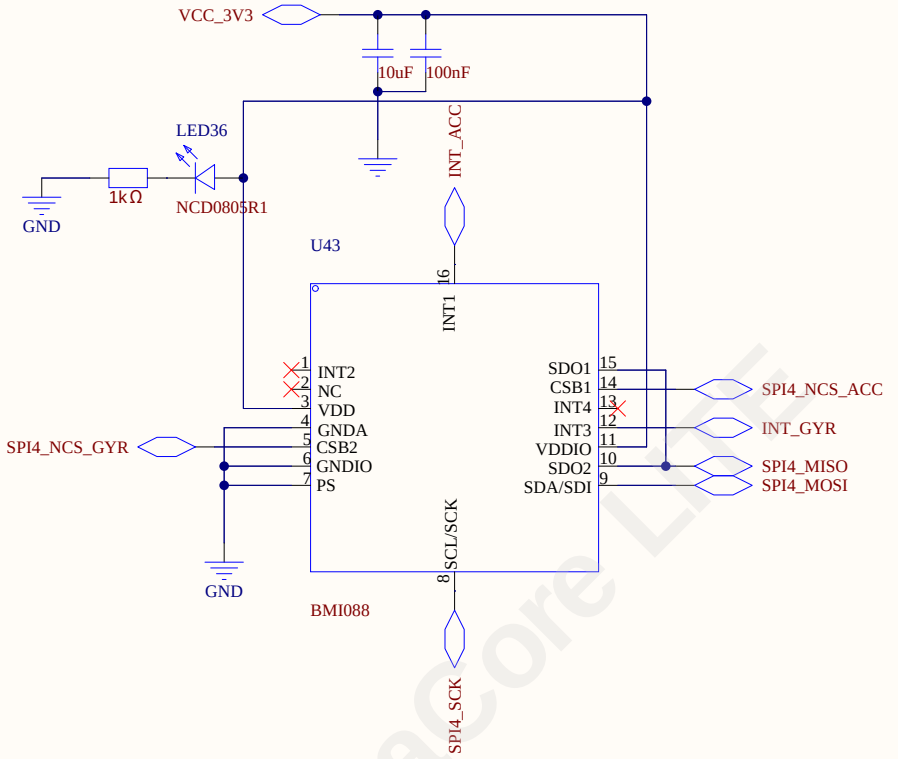




Schematic	HexaCoreI/O	Create at	2025-01-07
		Update at	2025-02-07
Board	Main	Page	Index / STM32
Drawn		SpiderTronV5	
Reviewed			
		Version	Size / Page 1 Total 16
EasyEDA		V1.0	A4 / EasyEDA.com

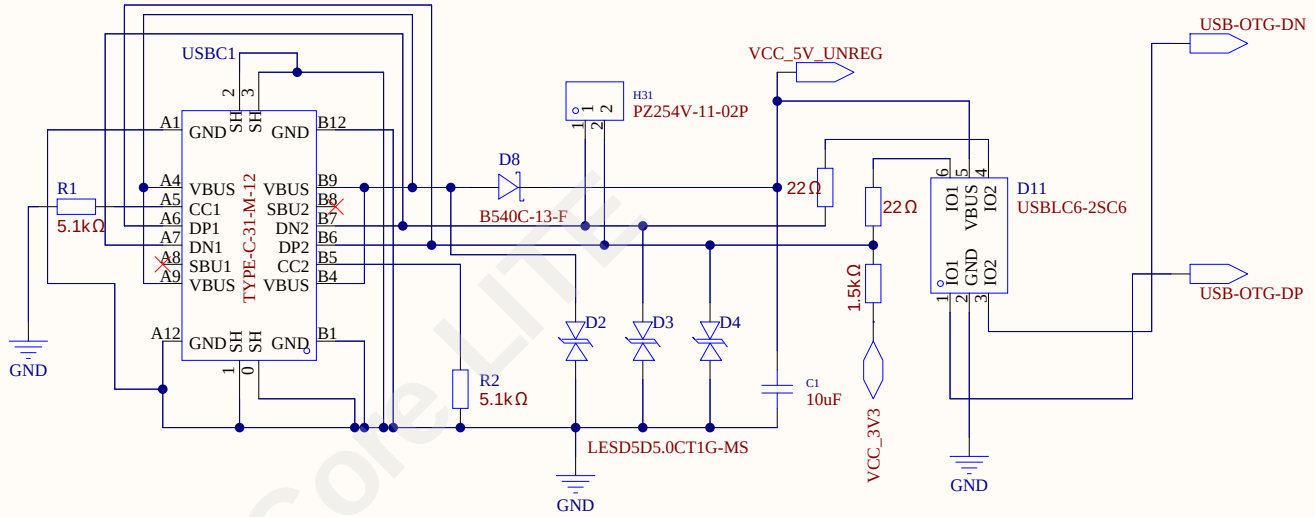


Schematic	HexaCoreI/O	Create at	2025-01-08
		Update at	2025-01-12
Board	Main	Page	Debugger
Drawn		SpiderTronV5	
Reviewed			
		Version	Size	Page 2 Total 16
EasyEDA		V1.0	A4	EasyEDA.com

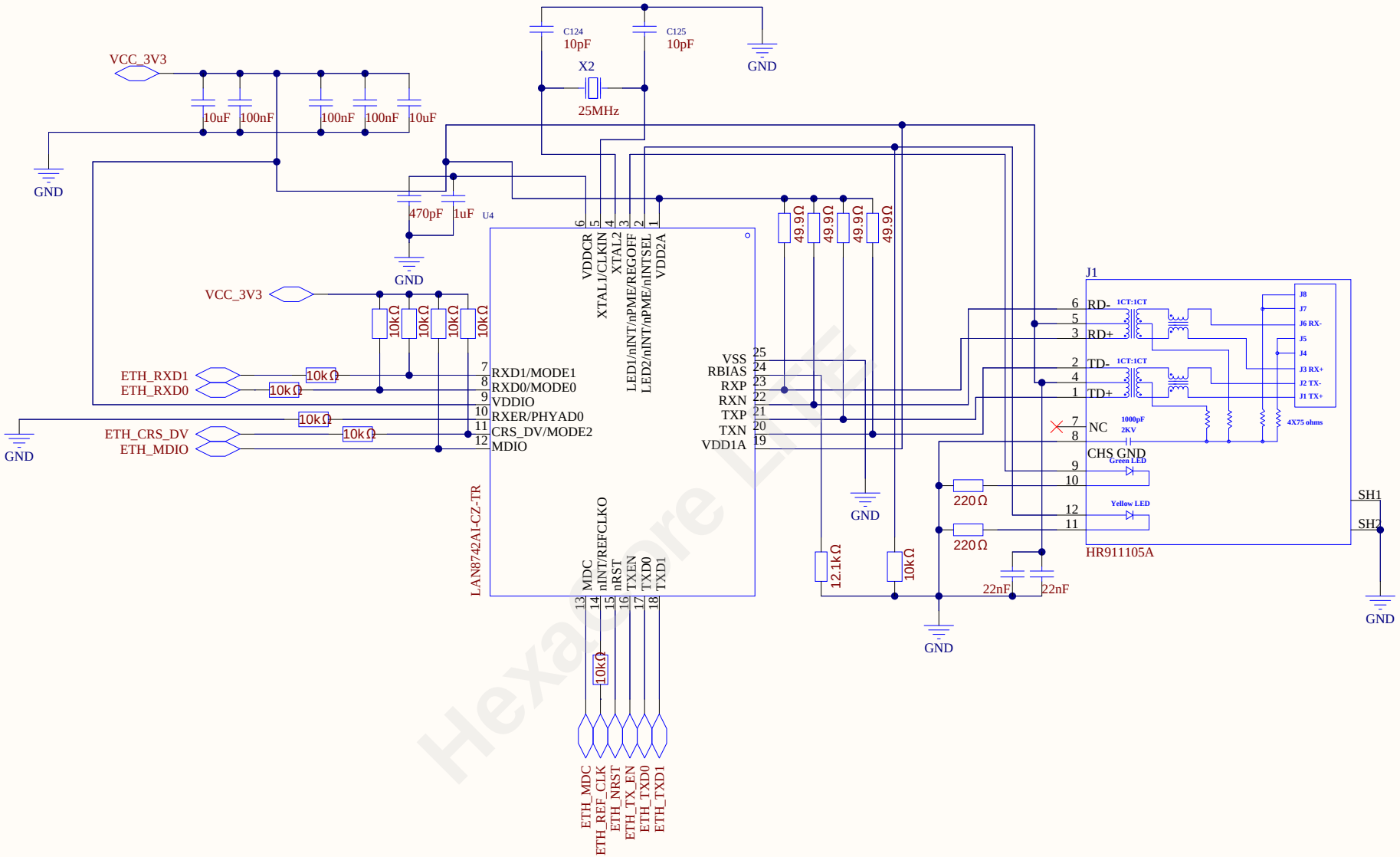


Schematic	HexaCoreI/O	Create at	2025-01-08
		Update at	2025-01-15
Board	Main	Page	IMU
Drawn		SpiderTronV5	
Reviewed			
		Version / Size / Page 3 Total 16	
EasyEDA		V1.0 / A4	EasyEDA.com

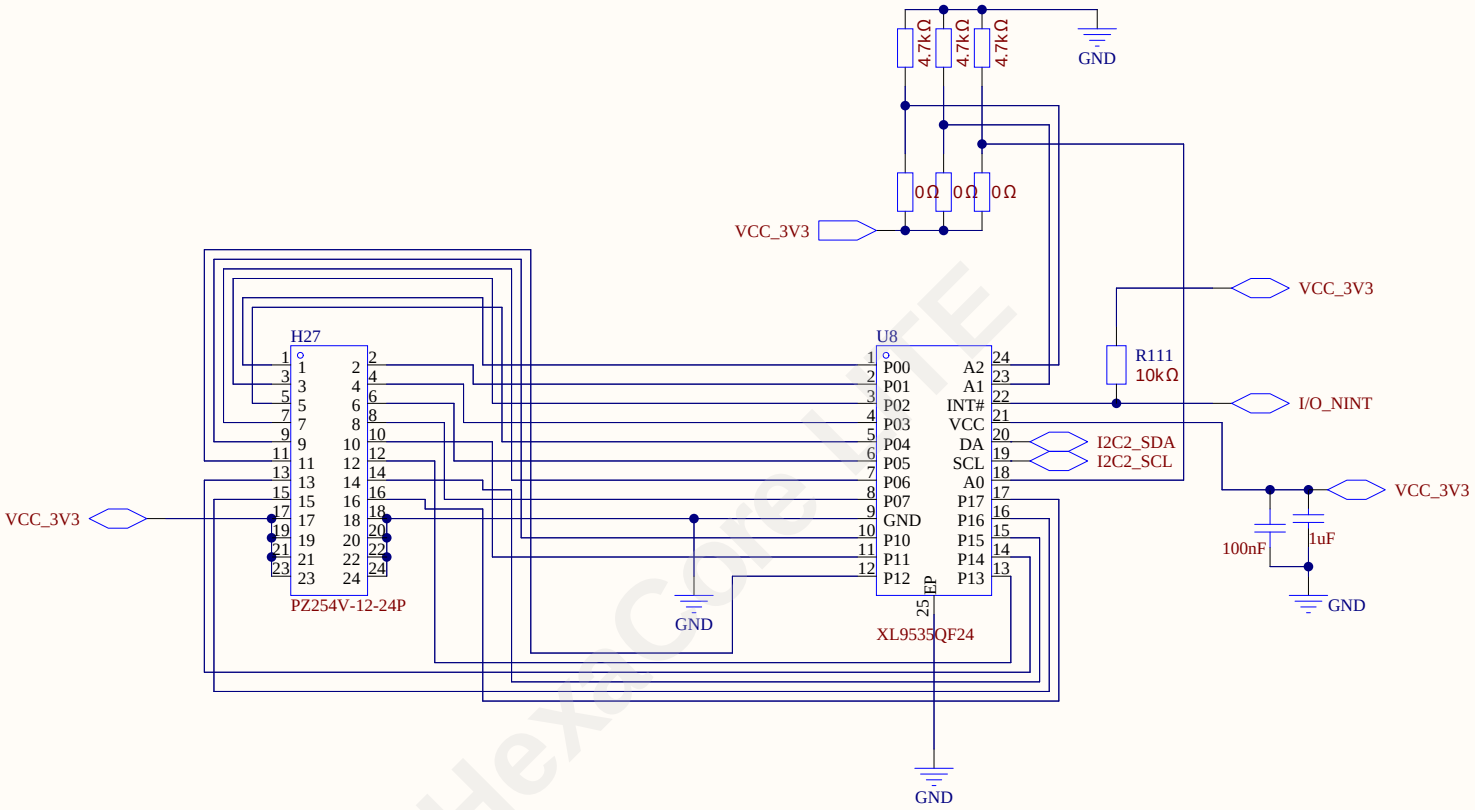
Max 3A 5v Output



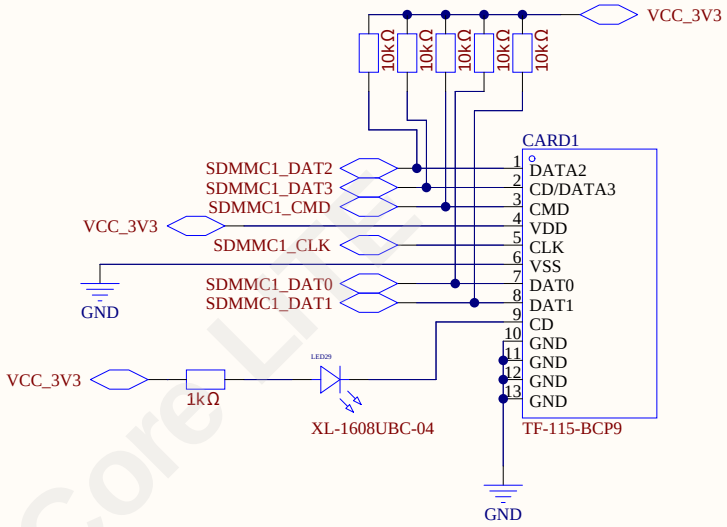
Schematic	HexaCoreI/O	Create at	2025-01-08
		Update at	2025-02-07
Board	Main	Page	USB C
Drawn		SpiderTronV5	
Reviewed			
		Version / Size	Page 4 Total 16
EasyEDA		V1.0 / A4	EasyEDA.com



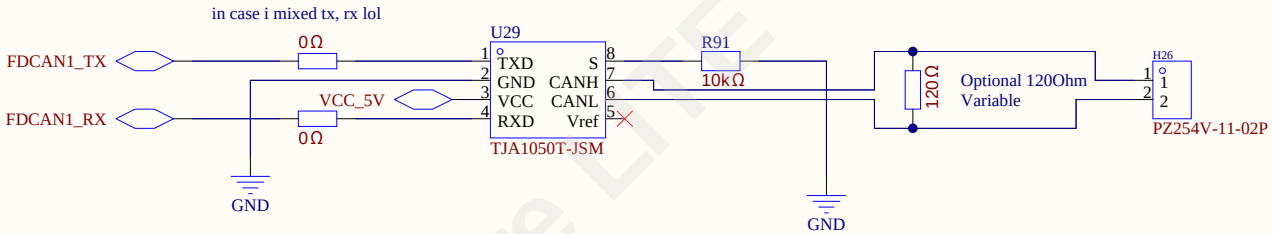
Schematic	HexaCoreI/O	Create at	2025-01-08
		Update at	2025-01-25
Board	Main	Page	Ethernet
Drawn		SpiderTronV5	
Reviewed			
		Version	Size	Page 5 Total 16
EasyEDA		V1.0	A4	EasyEDA.com



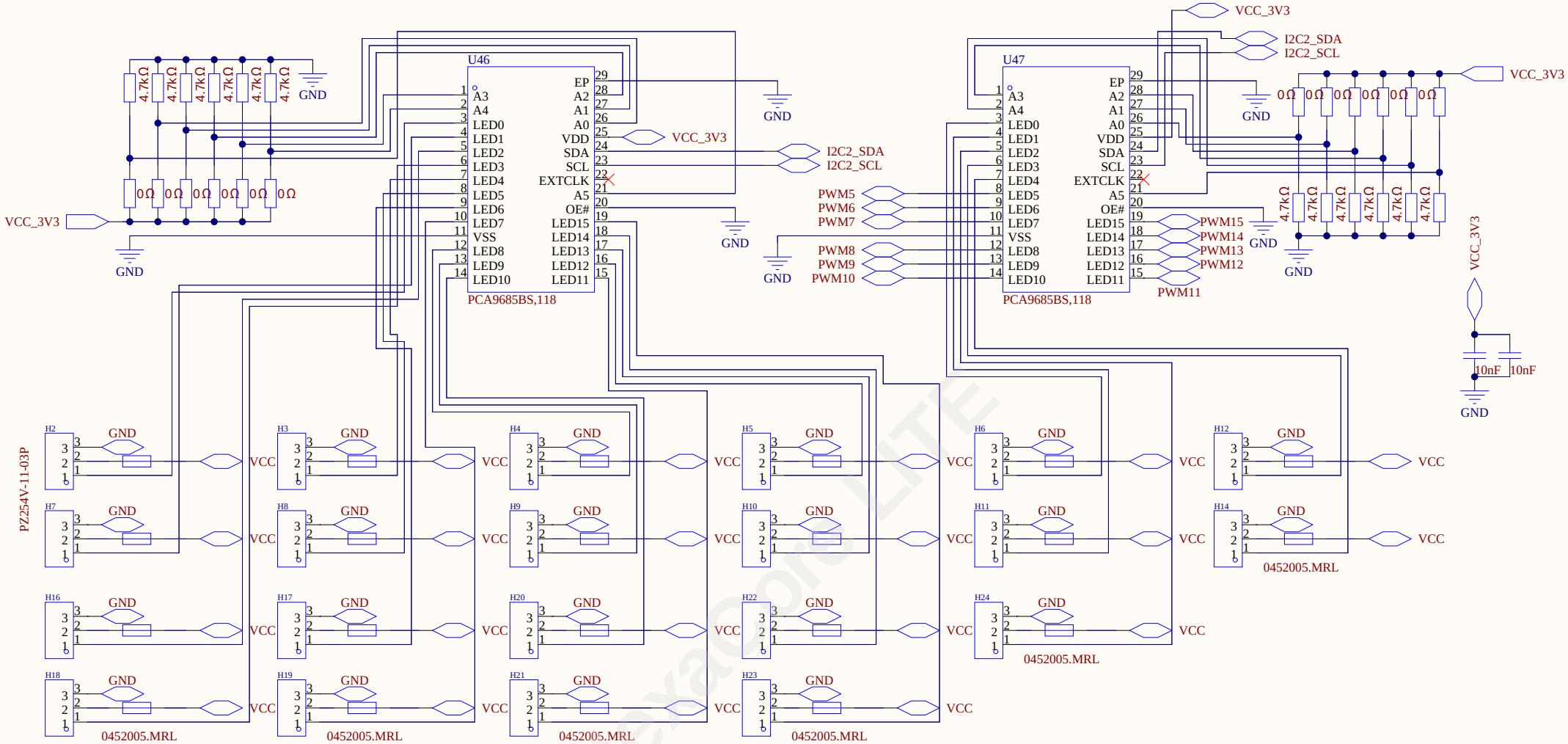
Schematic	HexaCoreI/O	Create at	2025-01-08
		Update at	2025-01-13
Board	Main	Page	I/O expander
Drawn		SpiderTronV5	
Reviewed			
		Version	Size	Page 6 Total 16
EasyEDA		V1.0	A4	EasyEDA.com



Schematic	HexaCoreI/O	Create at	2025-01-08
		Update at	2025-01-25
Board	Main	Page	Micro SD
Drawn		SpiderTronV5	
Reviewed			
		Version / Size	Page 7 Total 16
EasyEDA		V1.0 / A4	EasyEDA.com

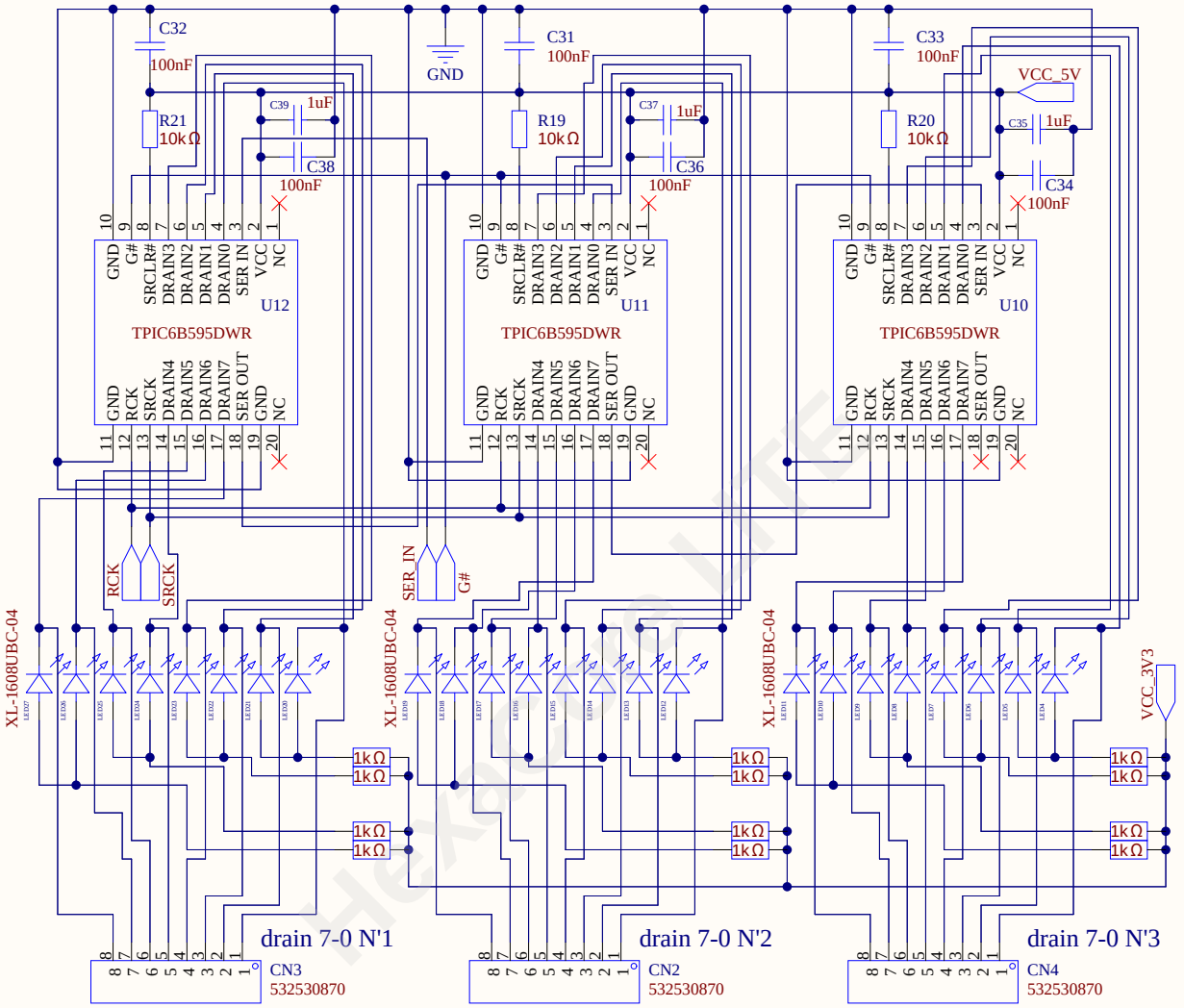


Schematic	HexaCoreI/O	Create at	2025-01-08
		Update at	2025-02-07
Board	Main	Page	CAN
Drawn		SpiderTronV5	
Reviewed			
		Version / Size	Page 8 Total 16
EasyEDA		V1.0 / A4	EasyEDA.com

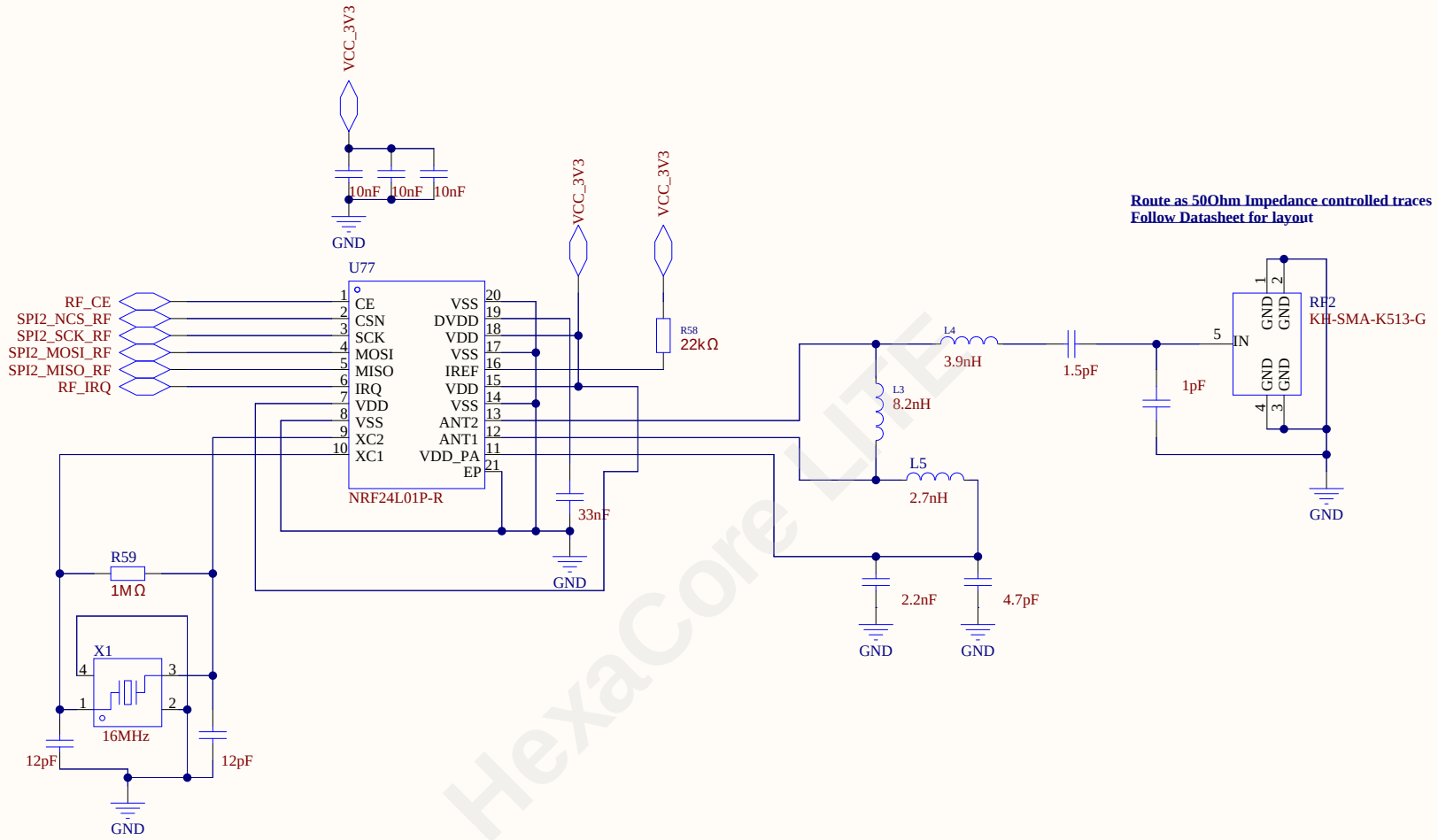


21x Servo GND-VCC-SIG
EACH 5 AMP FUSE

Schematic	HexaCoreI/O	Create at	2025-01-08
		Update at	2025-01-13
Board	Main	Page	Servo Controller
Drawn		SpiderTronV5	
Reviewed			
		Version	Size	Page 9 Total 16
EasyEDA		V1.0	A4	EasyEDA.com

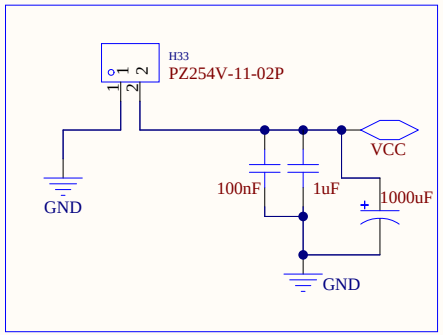


Schematic	HexaCoreI/O	Create at	2025-01-08
		Update at	2025-01-25
Board	Main	Page	Shift Registers
Drawn		SpiderTronV5	
Reviewed			
		Version	Size / Page 10 Total 16
EasyEDA		V1.0	A4 / EasyEDA.com

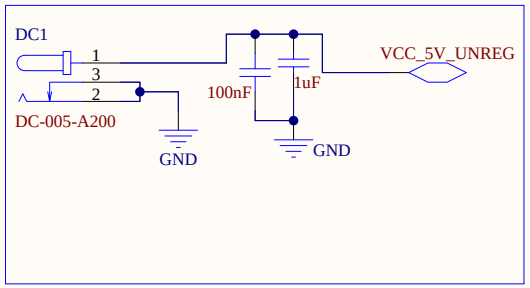


Schematic	HexaCoreI/O	Create at	2025-01-08
		Update at	2025-01-13
Board	Main	Page	WiFi
Drawn		SpiderTronV5	
Reviewed			
		Version	Size	Page 11 Total 16
EasyEDA		V1.0	A4	EasyEDA.com

Power In

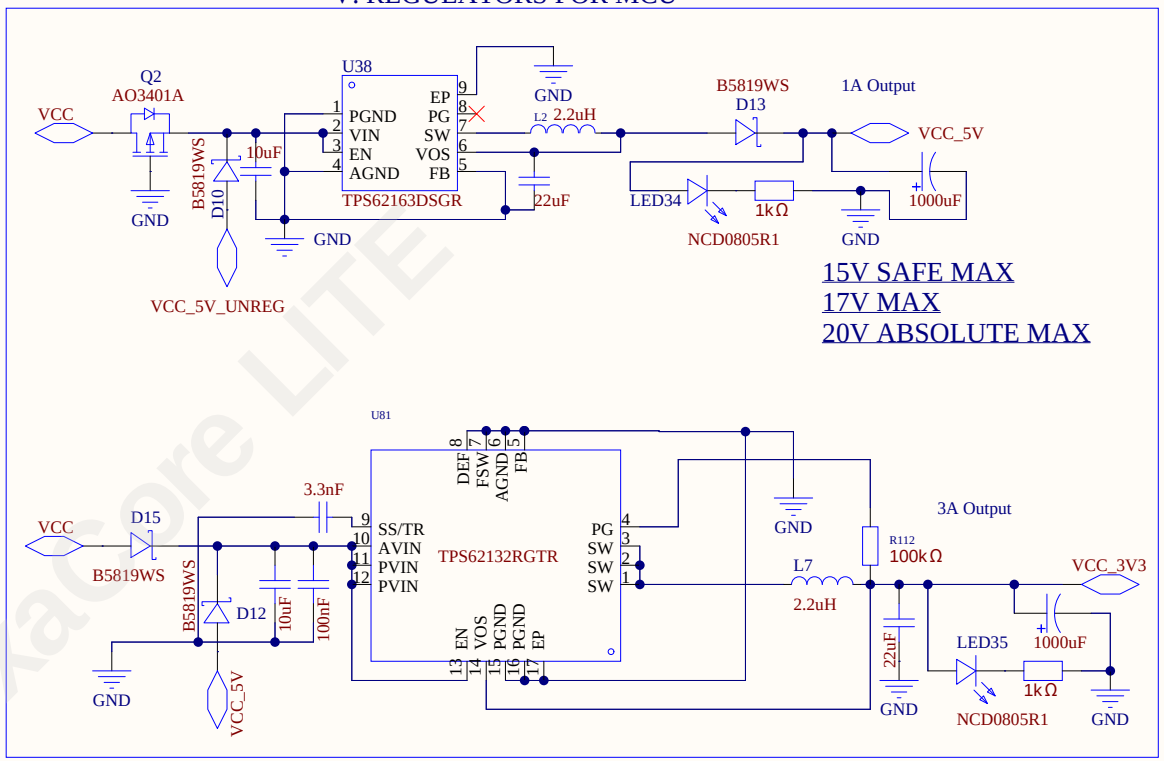


High Amperage IN - Servos

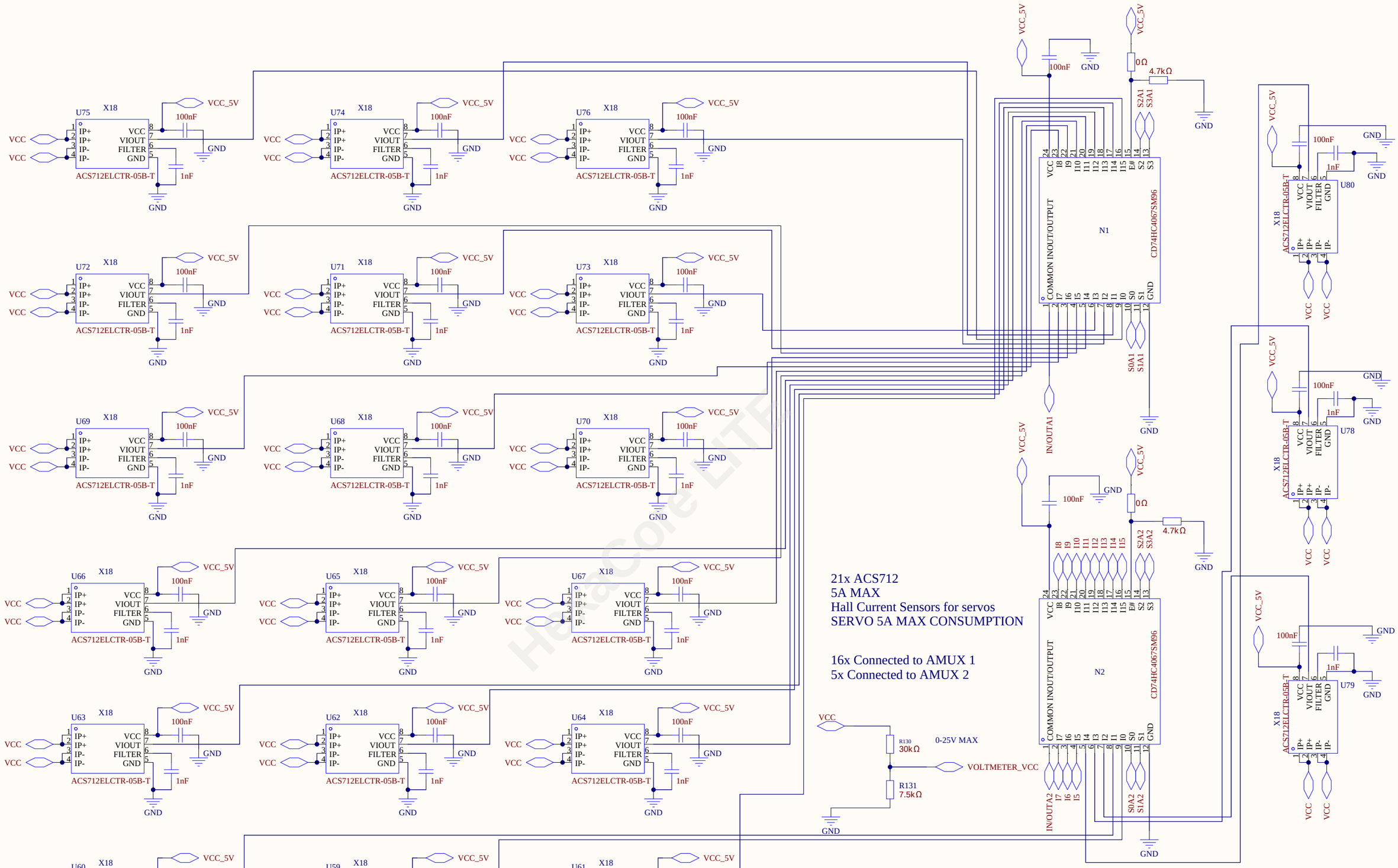


Low Amp - Low Voltage IN - MCU
5V

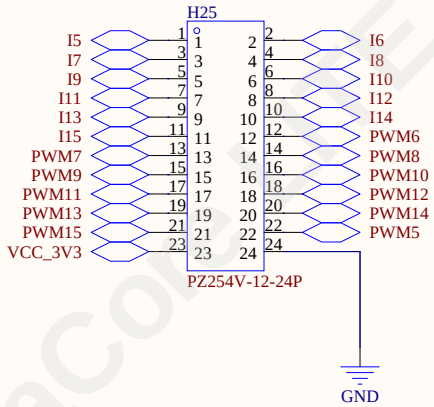
V. REGULATORS FOR MCU



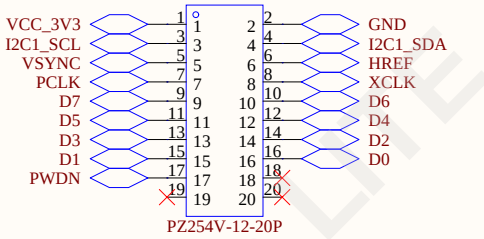
Schematic	HexaCoreI/O	Create at	2025-01-08
		Update at	2025-02-06
Board	Main	Page	Power IN
Drawn		SpiderTronV5	
Reviewed			
		Version	Size	Page 12 Total 16
EasyEDA		V1.0	A4	EasyEDA.com



Schematic	HexaCoreI/O	Create at	2025-01-10
		Update at	2025-01-13
Board	Main	Page	Current Sensors
Drawn		SpiderTronV5	
Reviewed			
		Version	Size	Page 13 Total 16
EasyEDA		V1.0	A4	EasyEDA.com



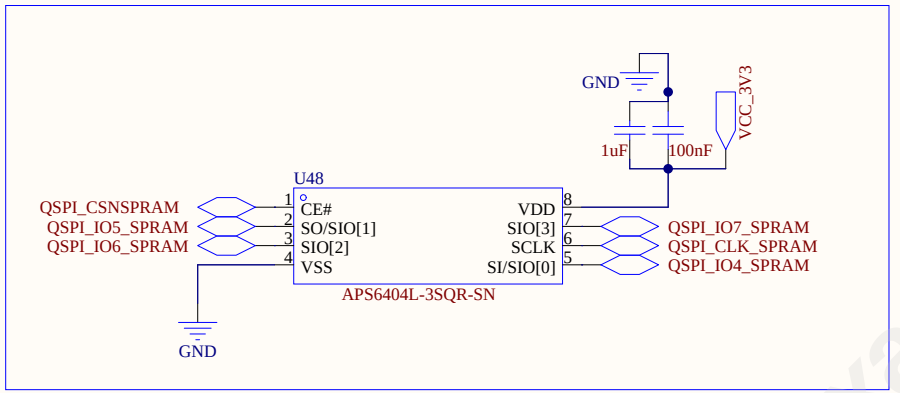
Schematic	HexaCoreI/O	Create at	2025-01-10
		Update at	2025-01-12
Board	Main	Page	ExtraPins
Drawn		SpiderTronV5	
Reviewed			
		Version	Size
EasyEDA		V1.0	A4
		Page 14 Total 16	
		EasyEDA.com	



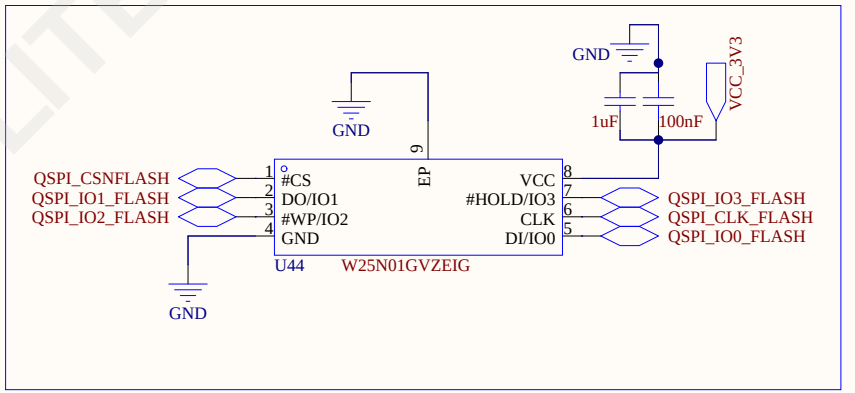
Schematic	HexaCoreI/O	Create at	2025-01-21
		Update at	2025-01-22
Board	Main	Page	DCMI Camera Pins
Drawn		SpiderTronV5	
Reviewed			
		Version / Size	Page 15 Total 16
EasyEDA	V1.0 / A4		EasyEDA.com

QUAD SPI, CONNECTED TO STM32 OCTOSPI IN0-7

SPRAM 64Mbit 8~mByte



FLASH 1Gbit, 128~Mbytes



Schematic	HexaCoreI/O	Create at	2025-01-09
		Update at	2025-02-02
Board	Main	Page	Flash & RAM
Drawn		SpiderTronV5	
Reviewed			
		Version / Size	Page 16 Total 16
EasyEDA		V1.0 / A4	EasyEDA.com