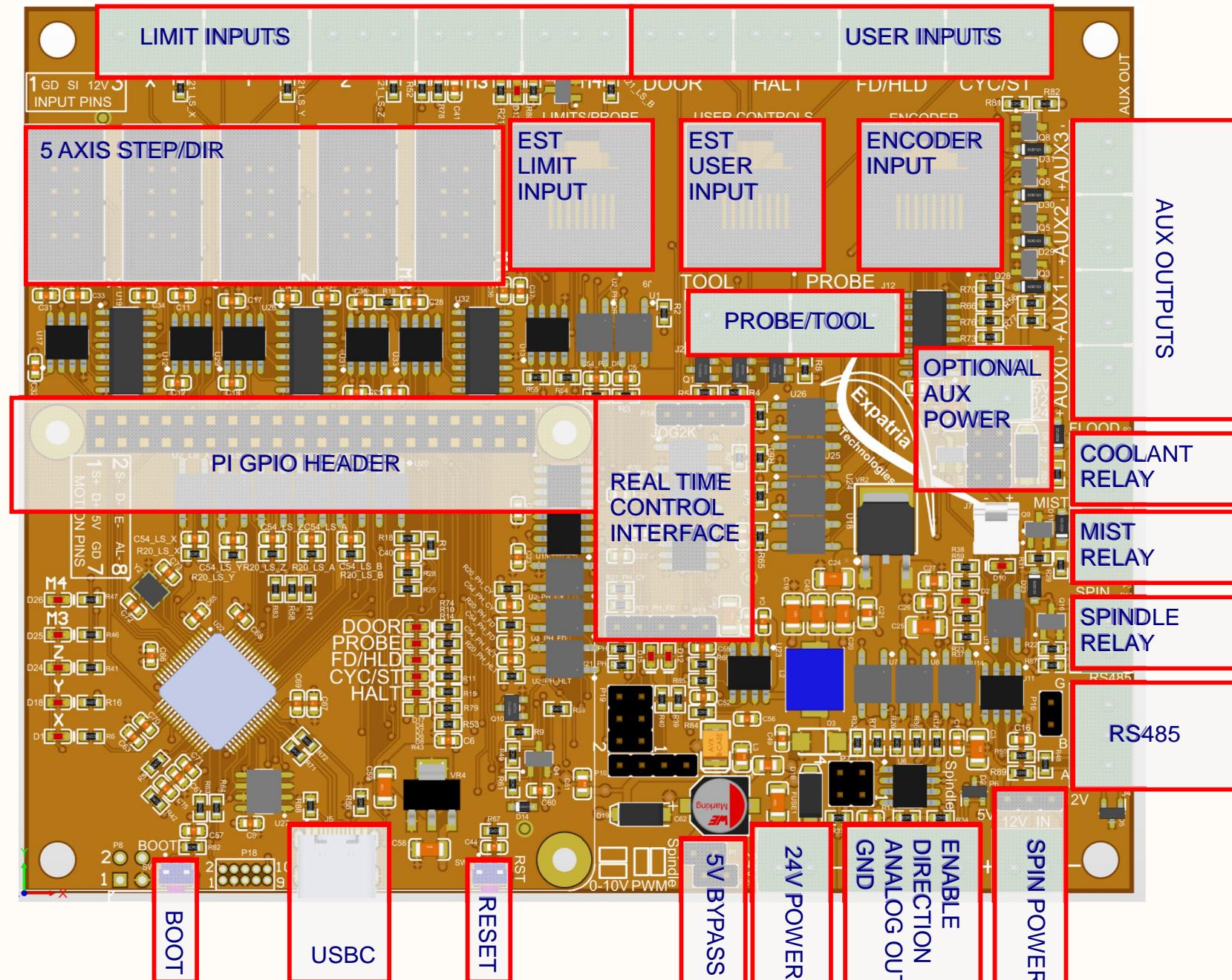


Flexi-HAL 2000 CNC Controller

STM32F446 CNC Controller
STM32F446RE_board.SchDoc



ZZ1
Assembly Note
These assemblies are ESD sensitive, ESD precautions shall be observed.

ZZ2
Assembly Note
These assemblies must be clean and free from flux and all contaminants. Use of no clean flux is not acceptable.

ZZ3
Assembly Note
These assemblies must comply with workmanship standards IPC-A-610 Class 2, unless otherwise specified.

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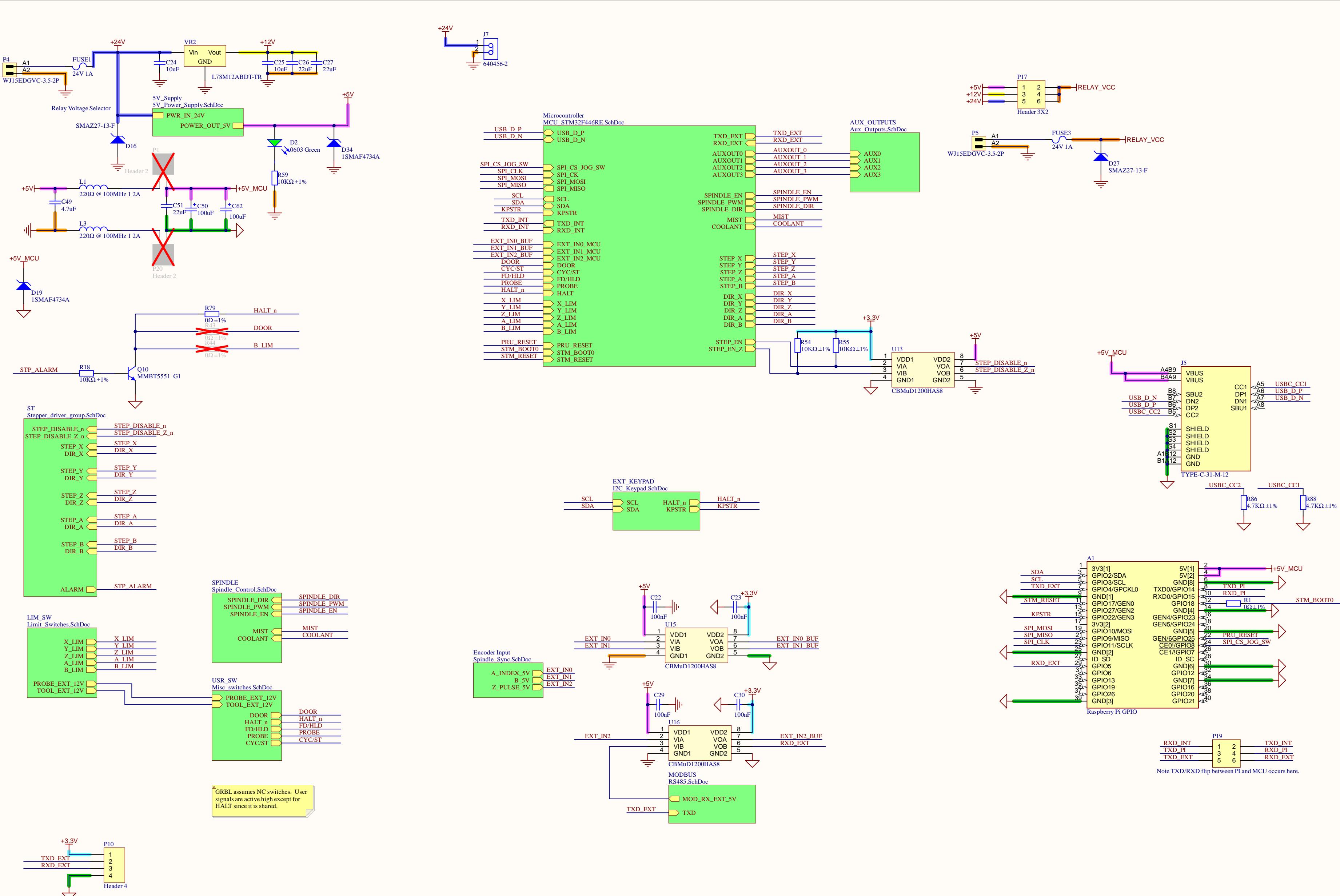
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SHEET 1 / 14

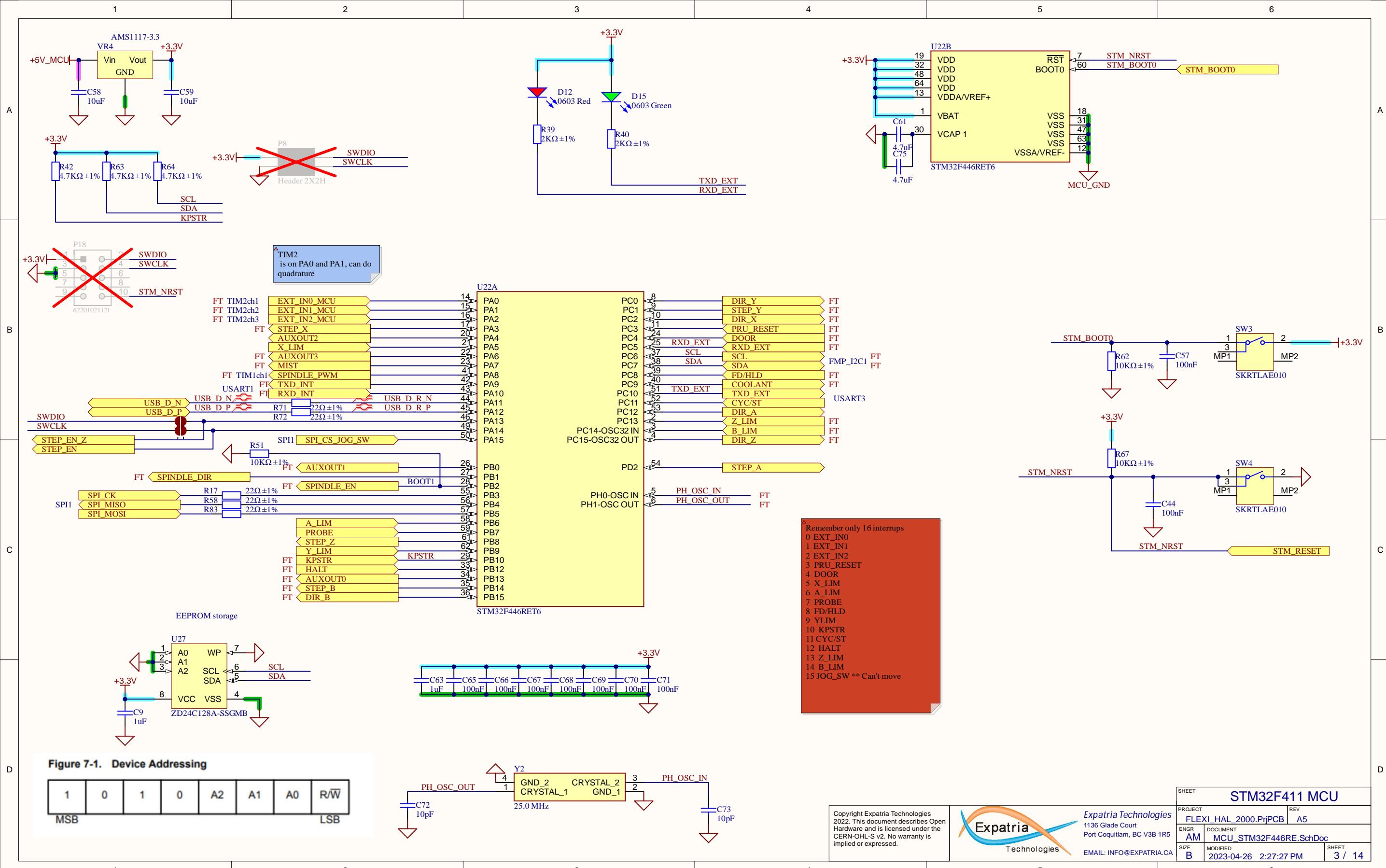
Mechanical

PCB LOGO
Expatria Technologies

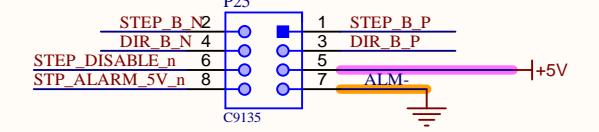
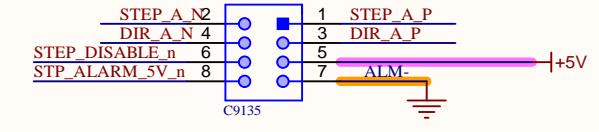
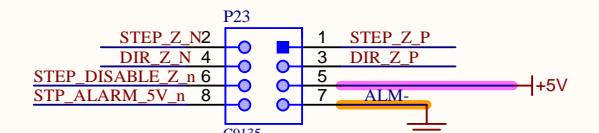
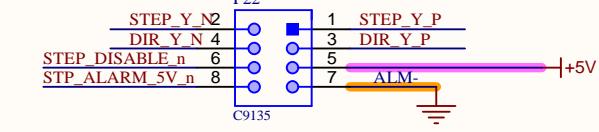
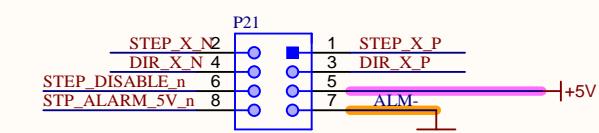
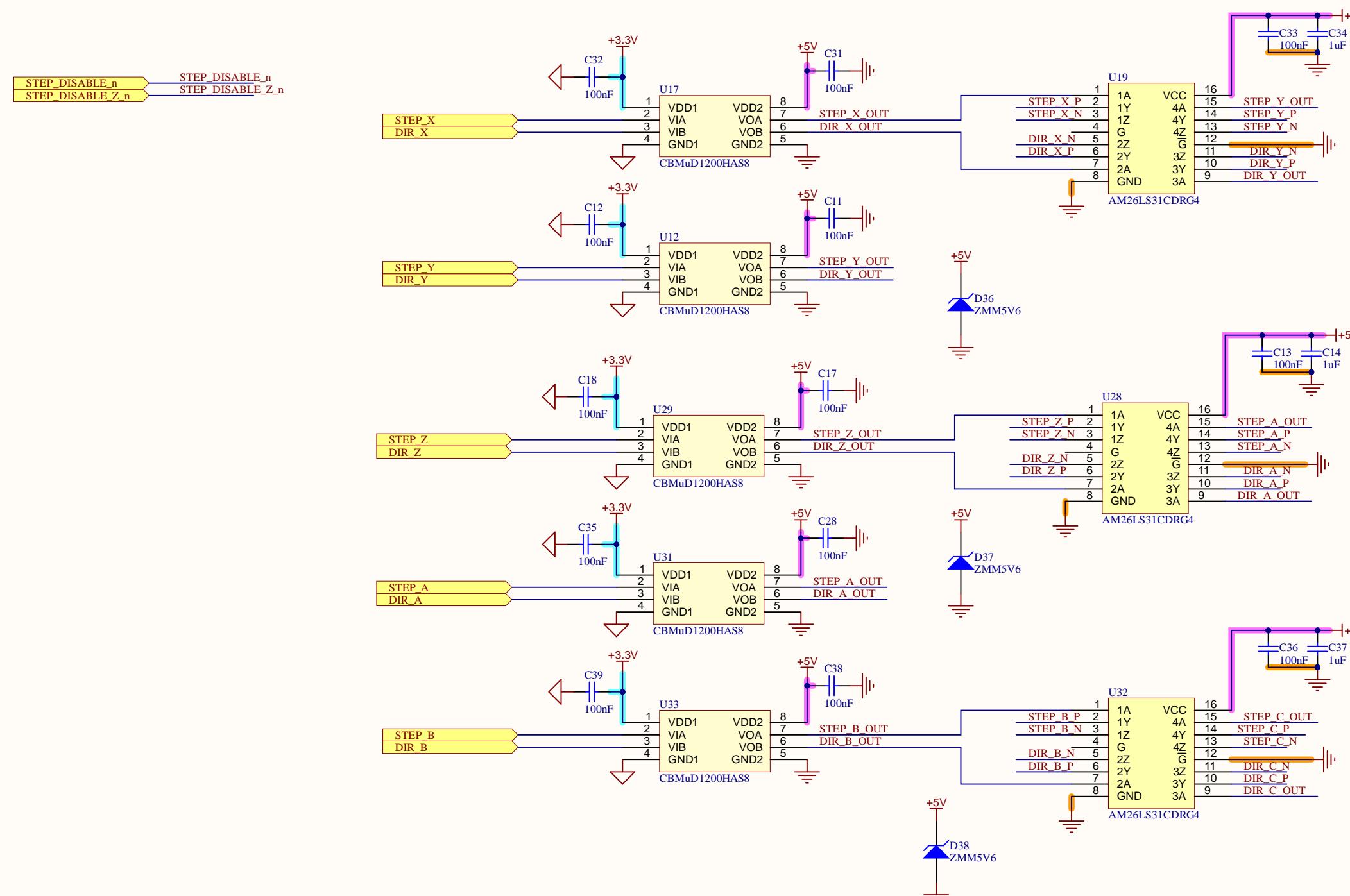
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Expatria Technologies

FID1 FID2 FID3

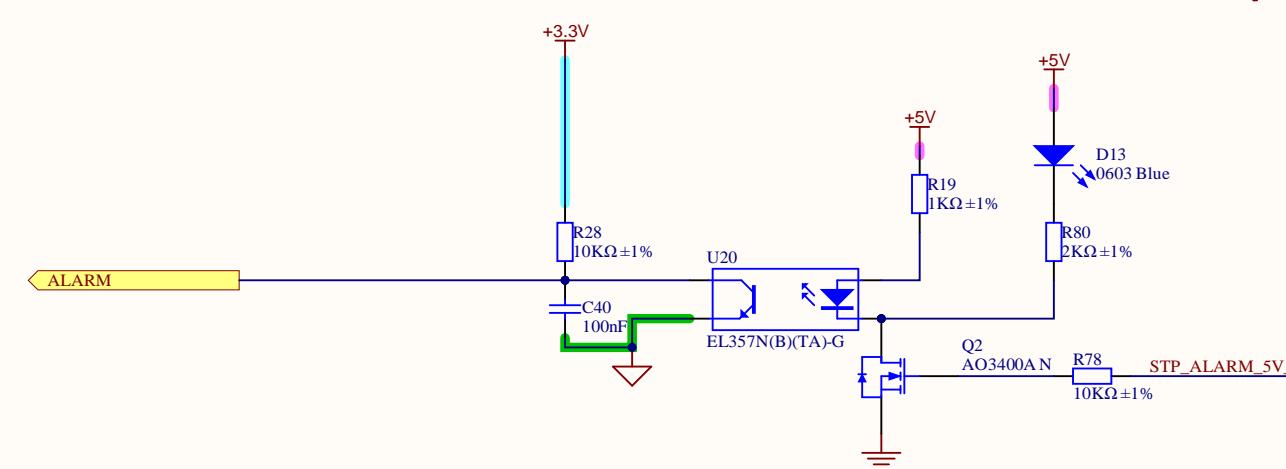




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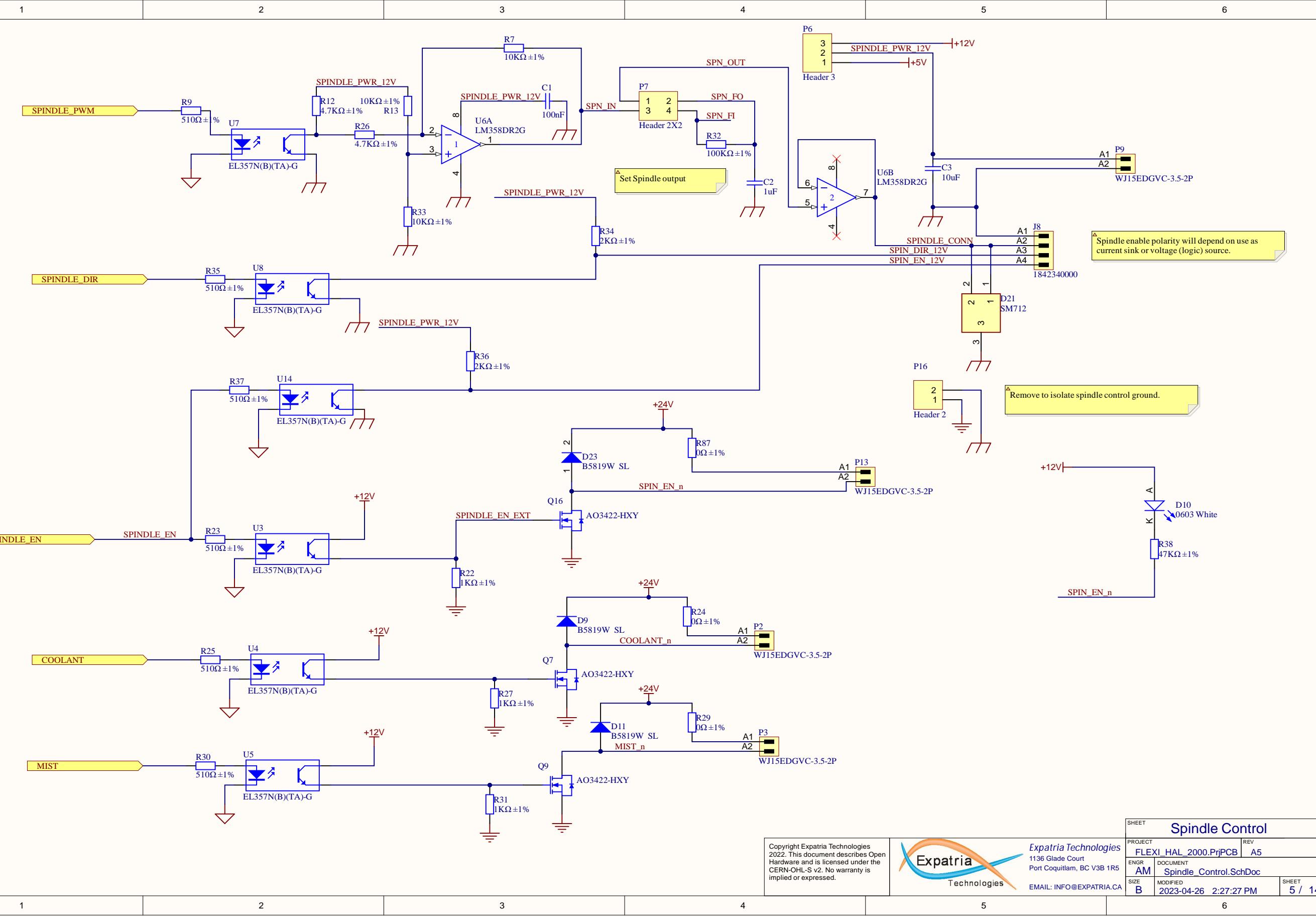


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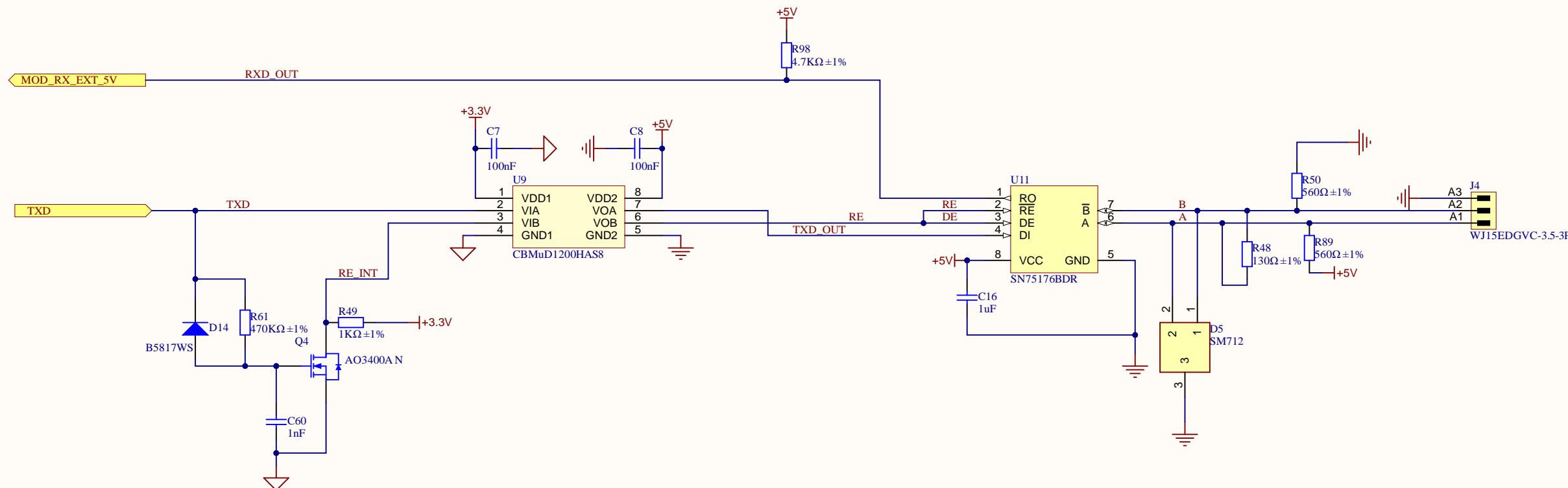


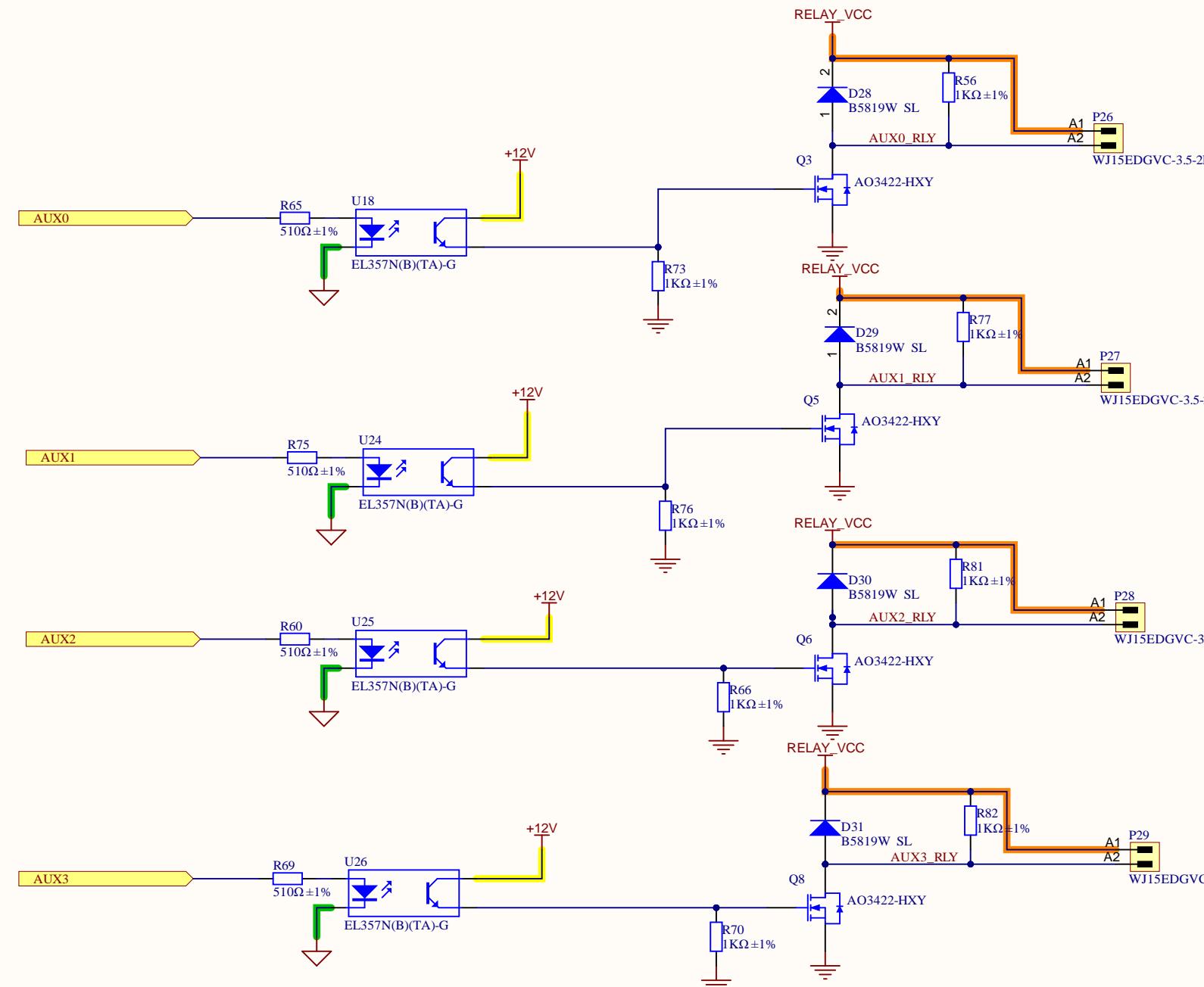
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Spindle Control
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SHEET	Spindle Control	
PROJECT	FLEXI_HAL_2000.PjPCB	REV A5
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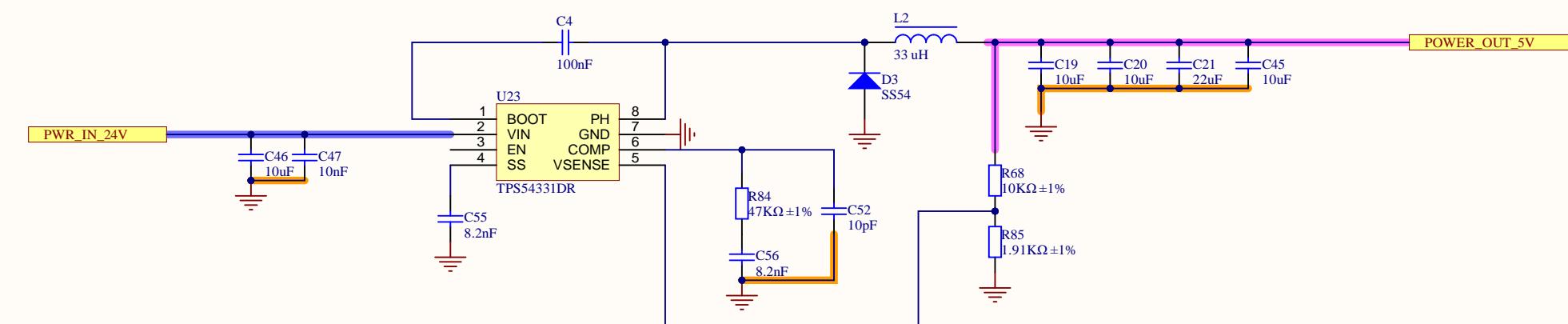
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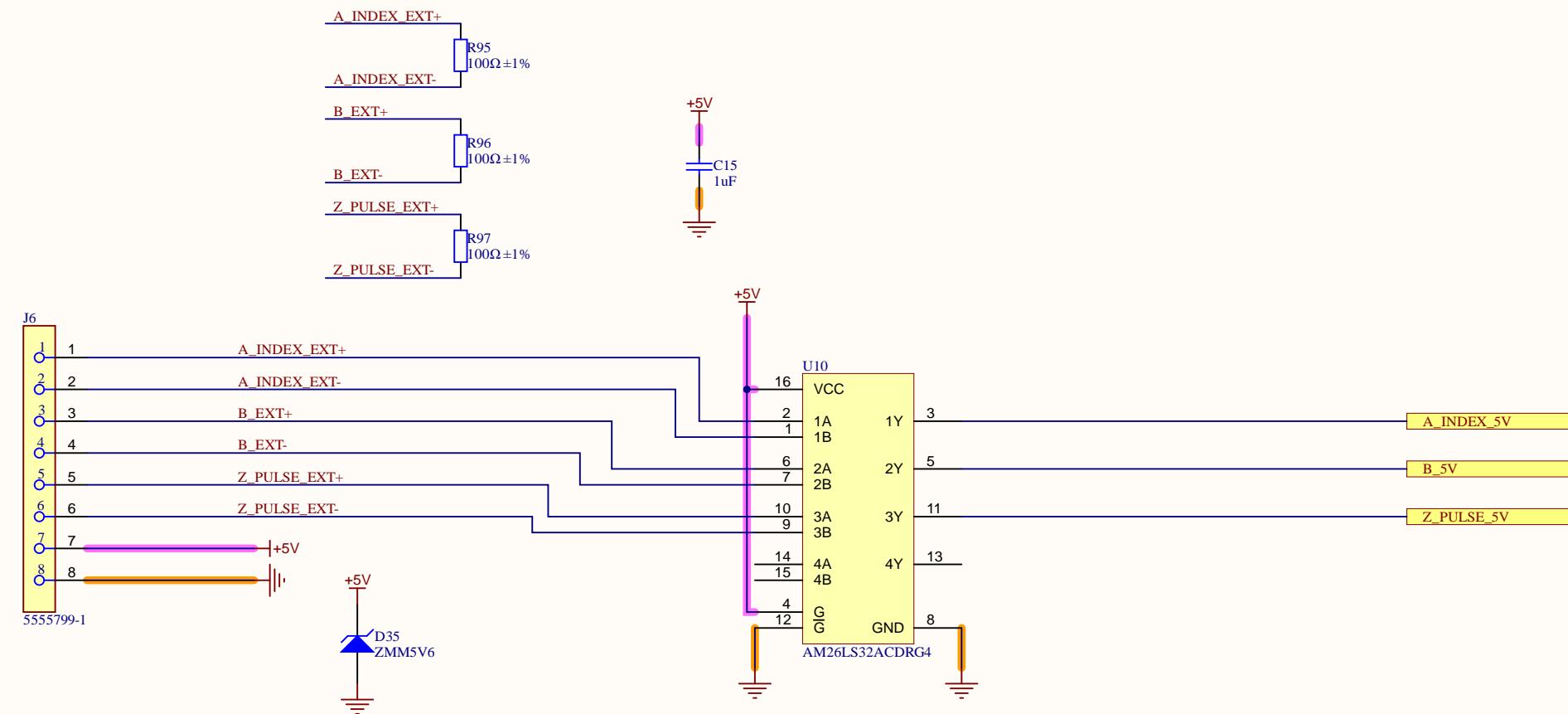


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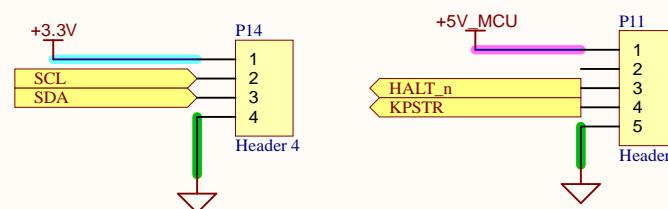
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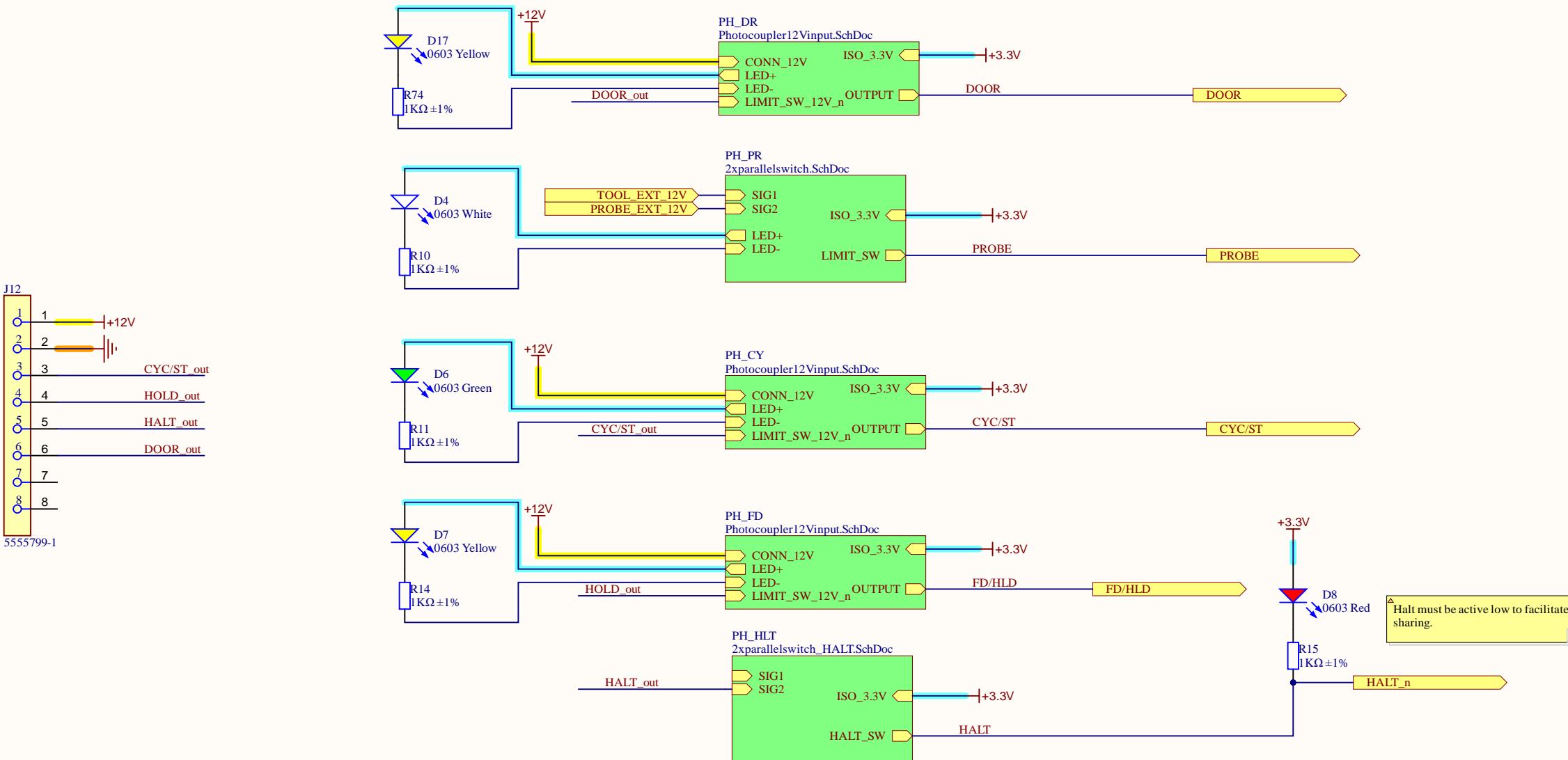
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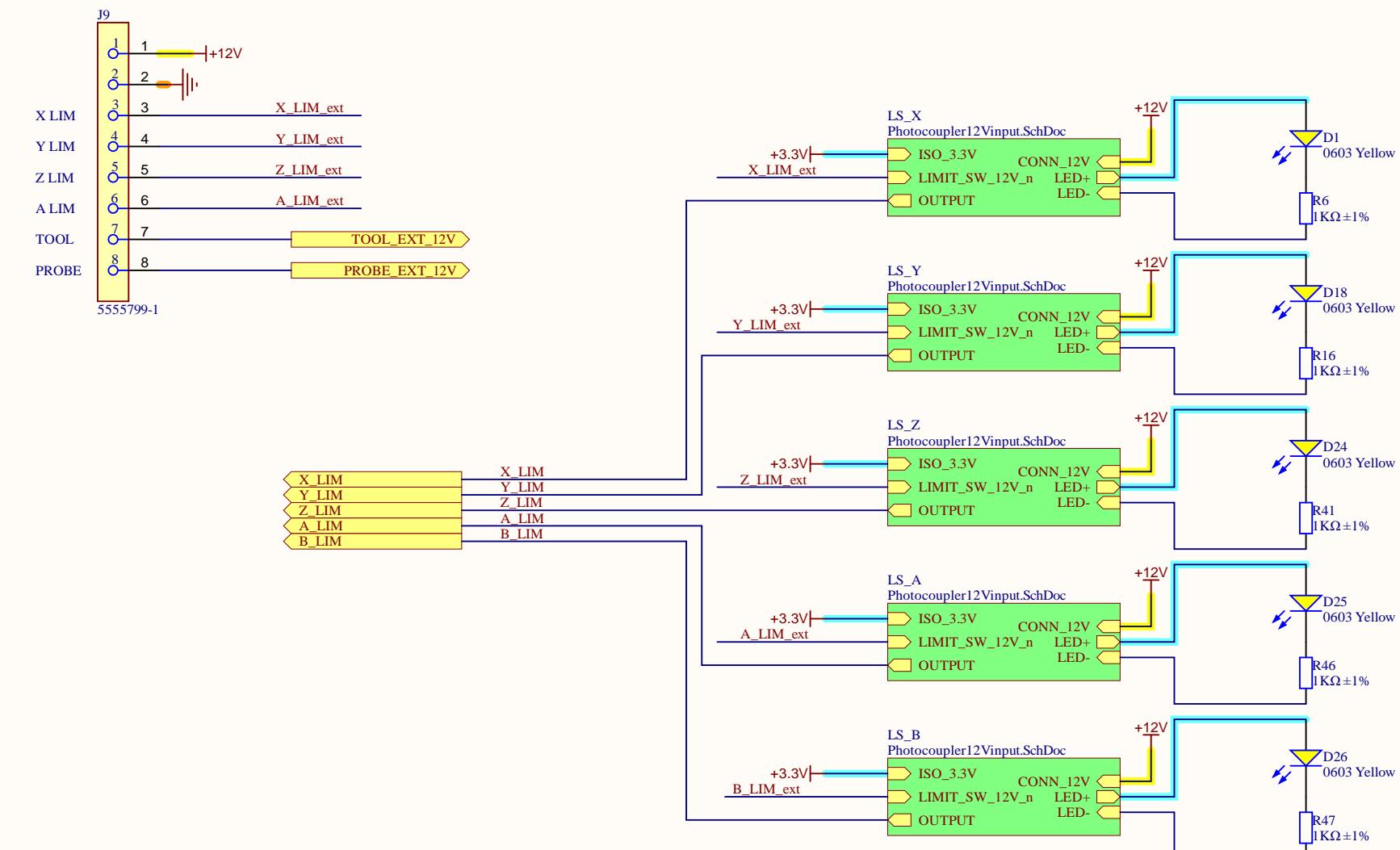
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△ Pendant is in MCU domain
HALT is active low.





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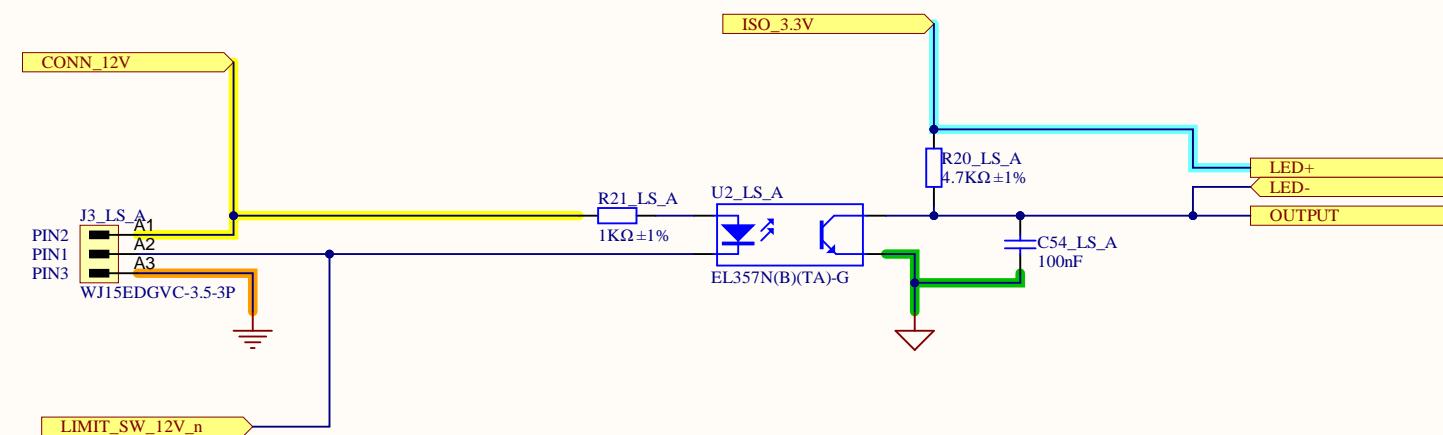
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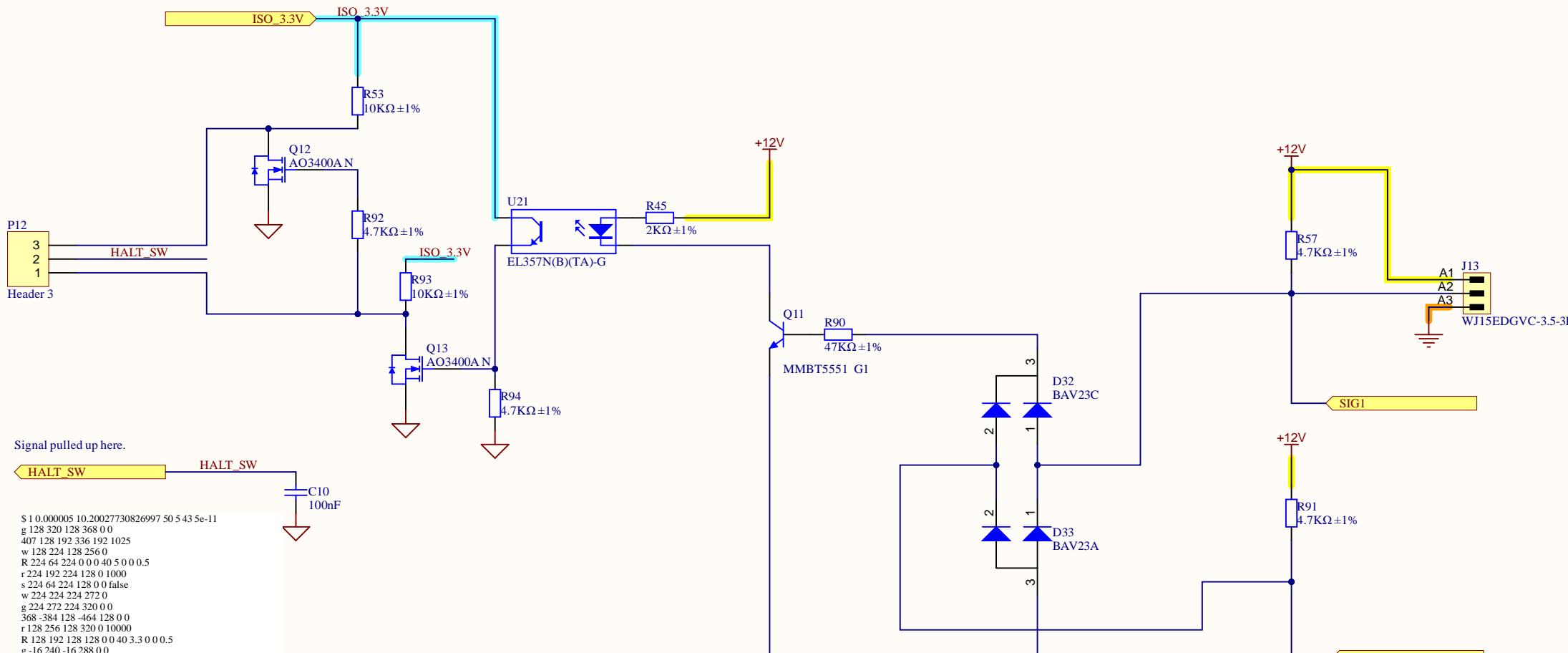
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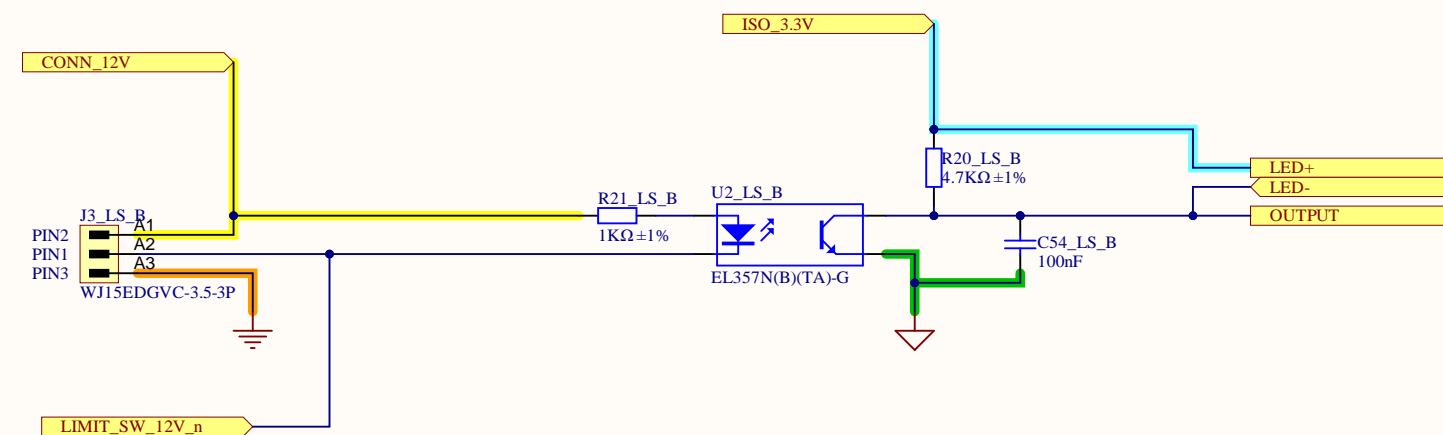
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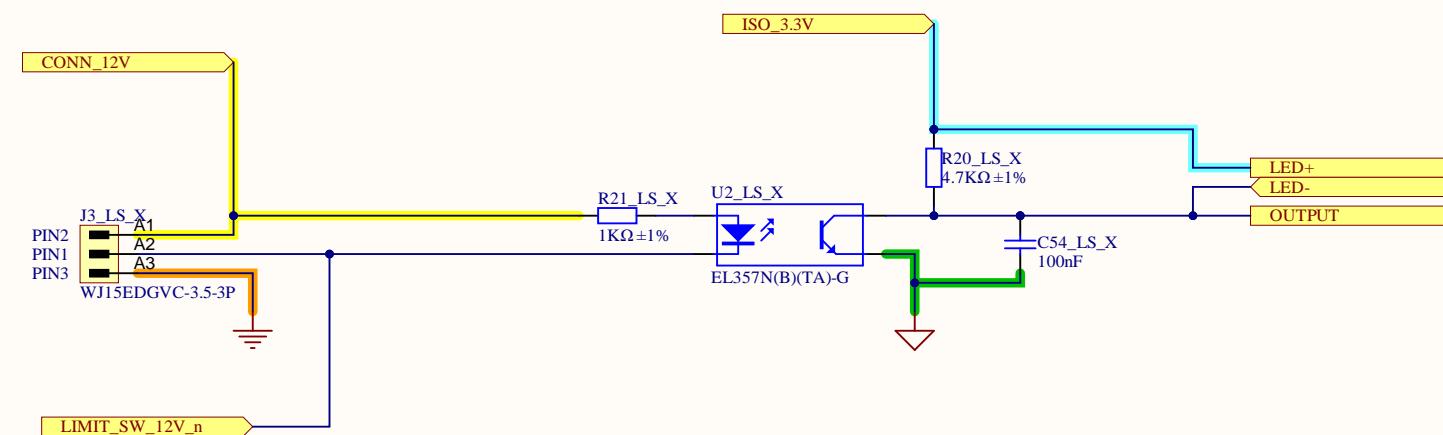
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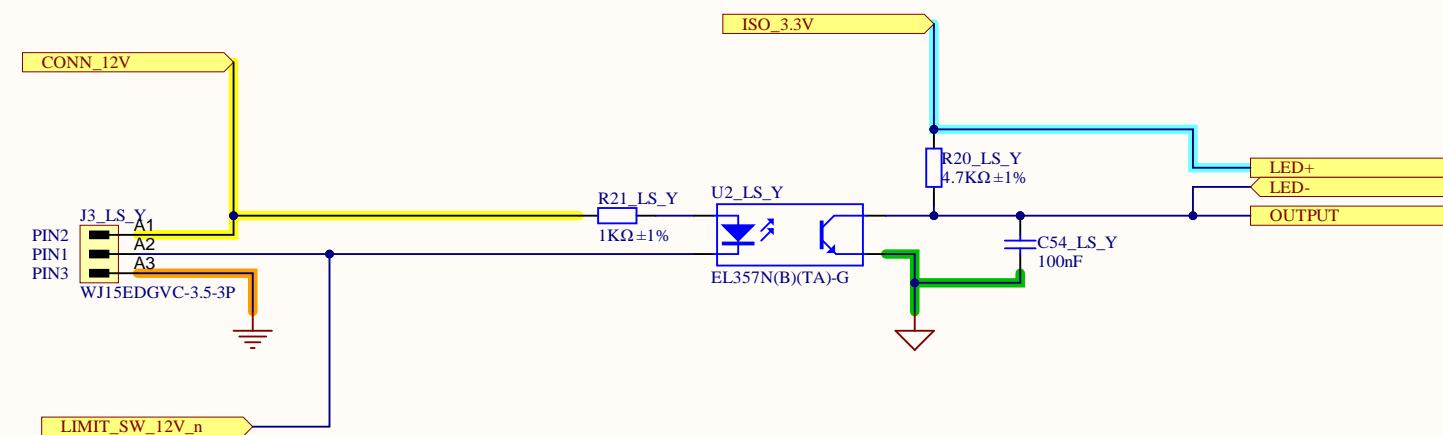
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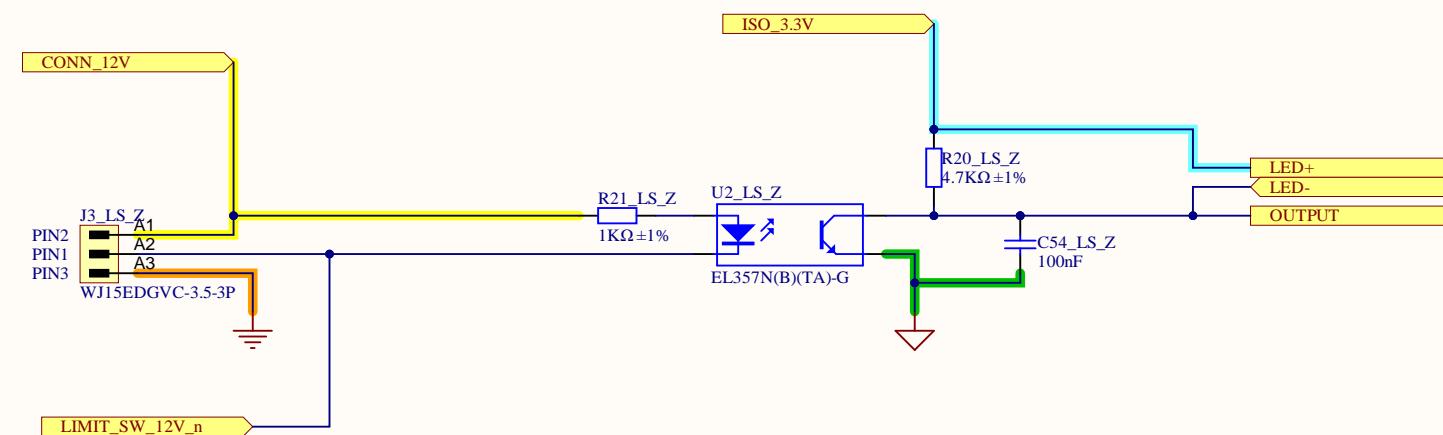
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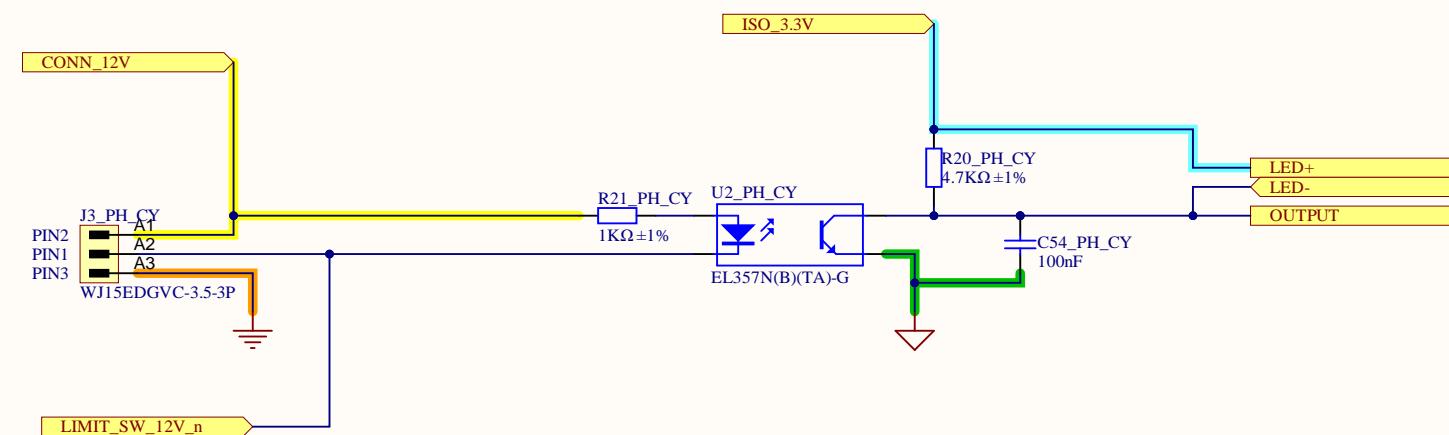
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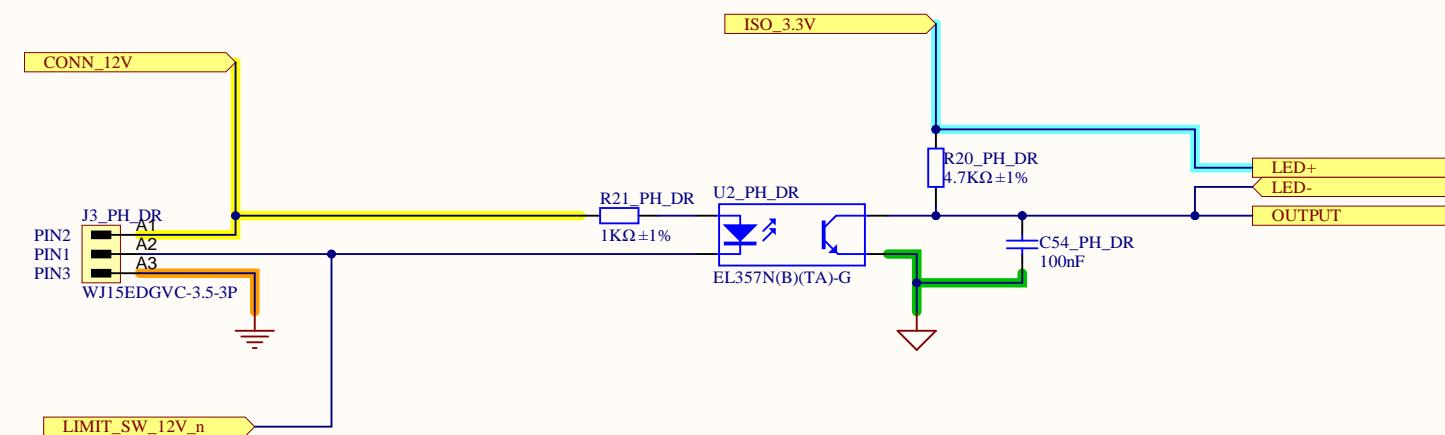
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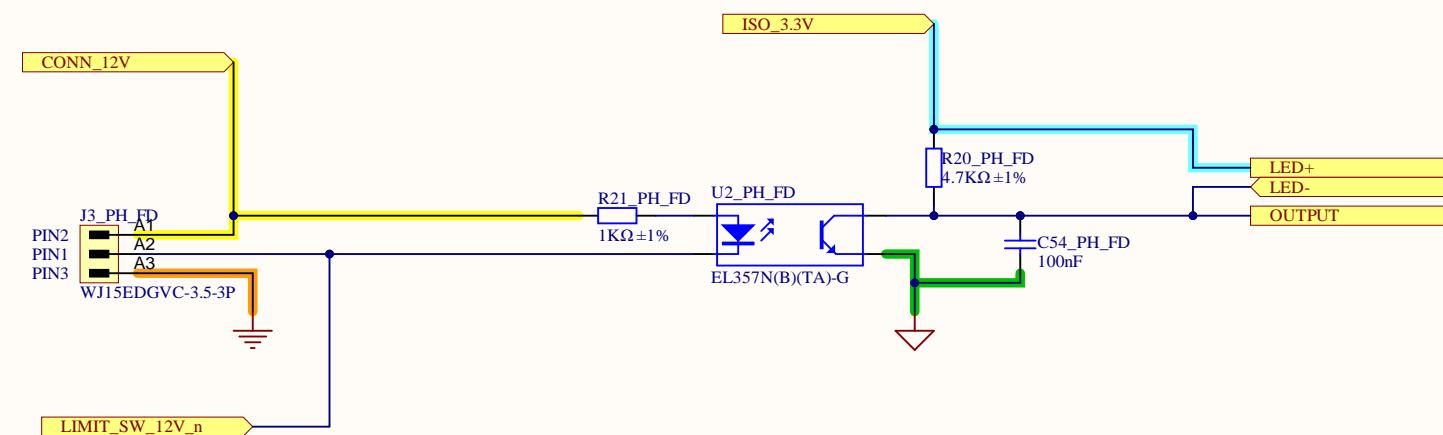
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