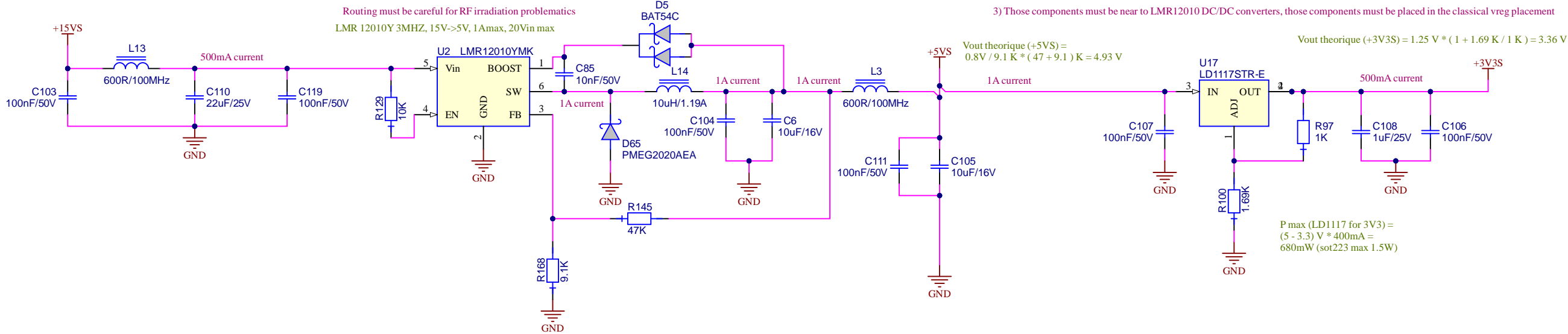
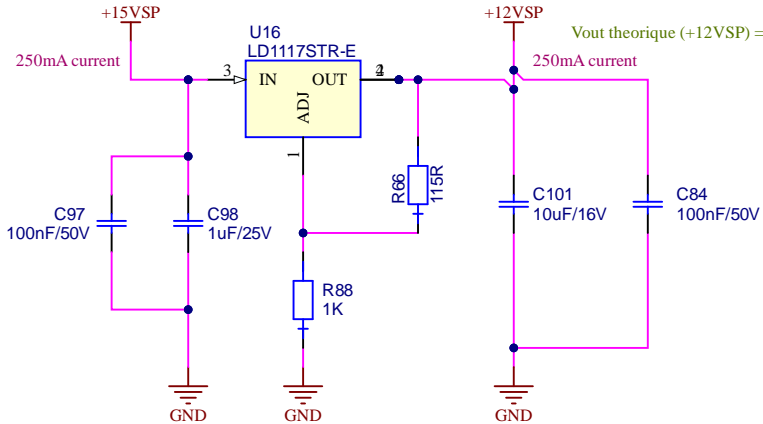


LDO 12V regulated for isolated DC/DC, max i 250mA, max p 0.75w (sot223 1.5W)

1) Those components must be near to LM3150 DC/DC converters, those components must be placed in the classical vreg placement

Vout theorique (+12VSP) =  $1.25 \text{ V} * (1 + 1000 \text{ R} / 115 \text{ R}) = 12.12 \text{ V}$



Routing notes:

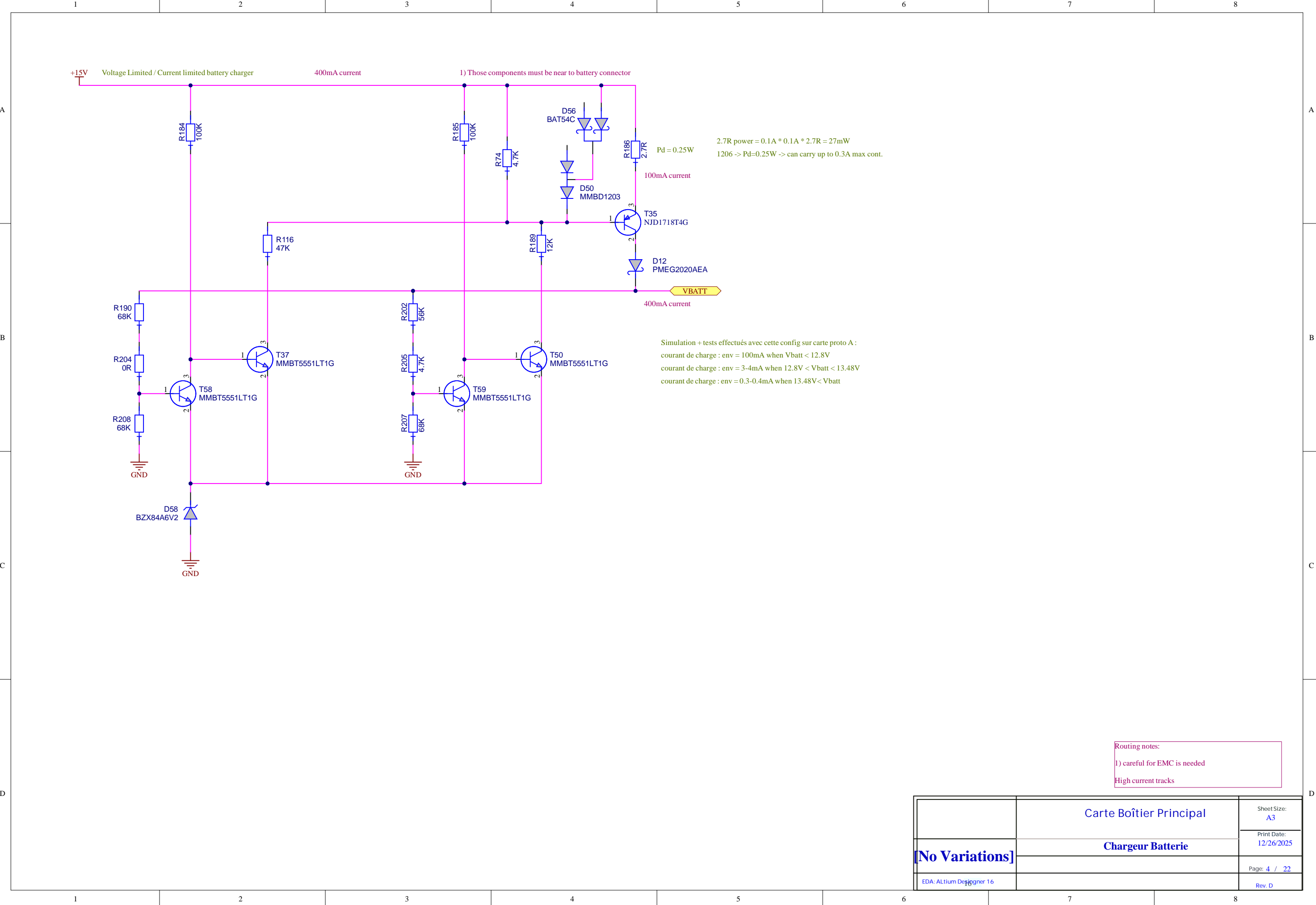
1) careful for EMC is needed

2) careful for EMC is needed

3) careful for EMC is needed

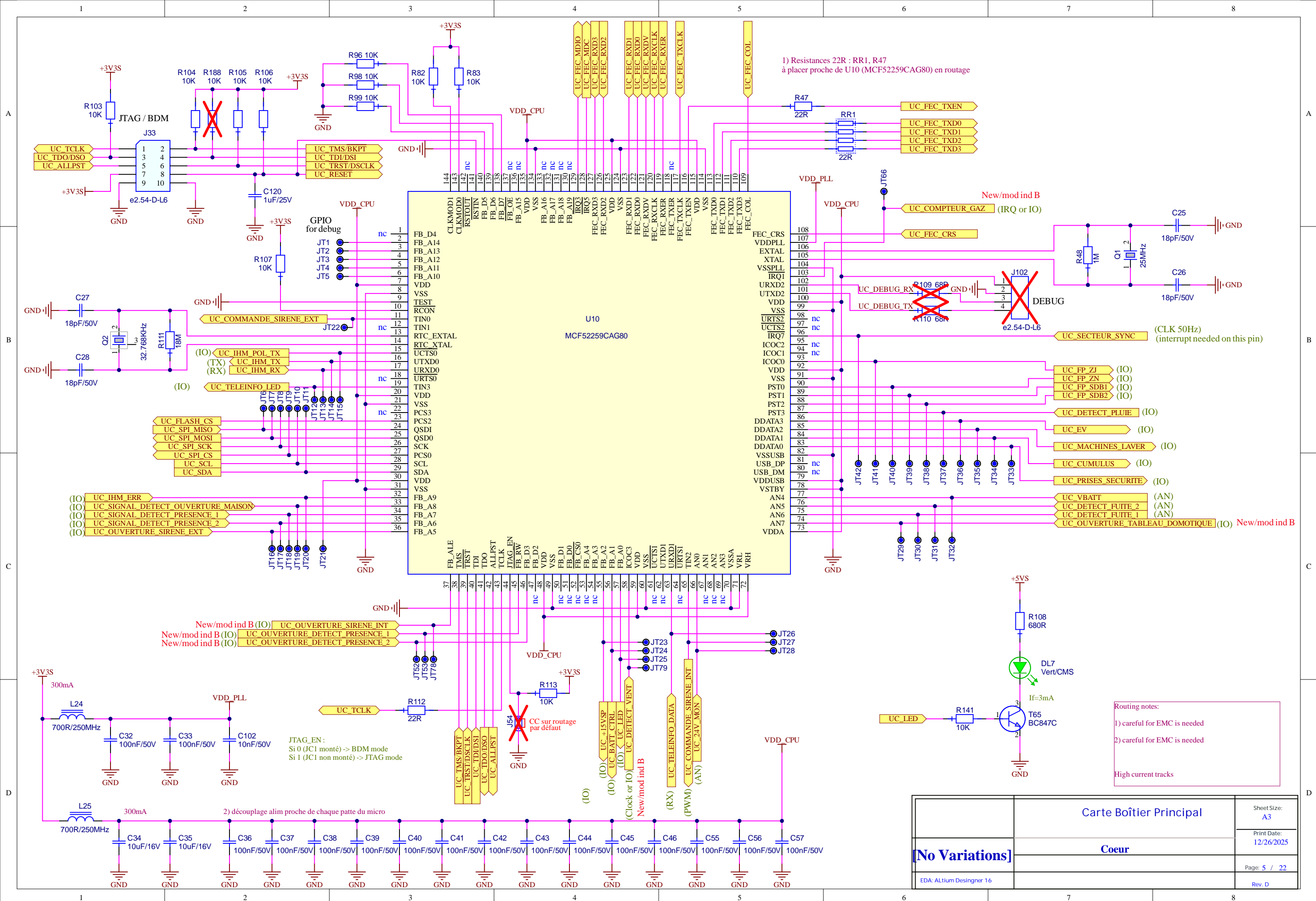
High current tracks

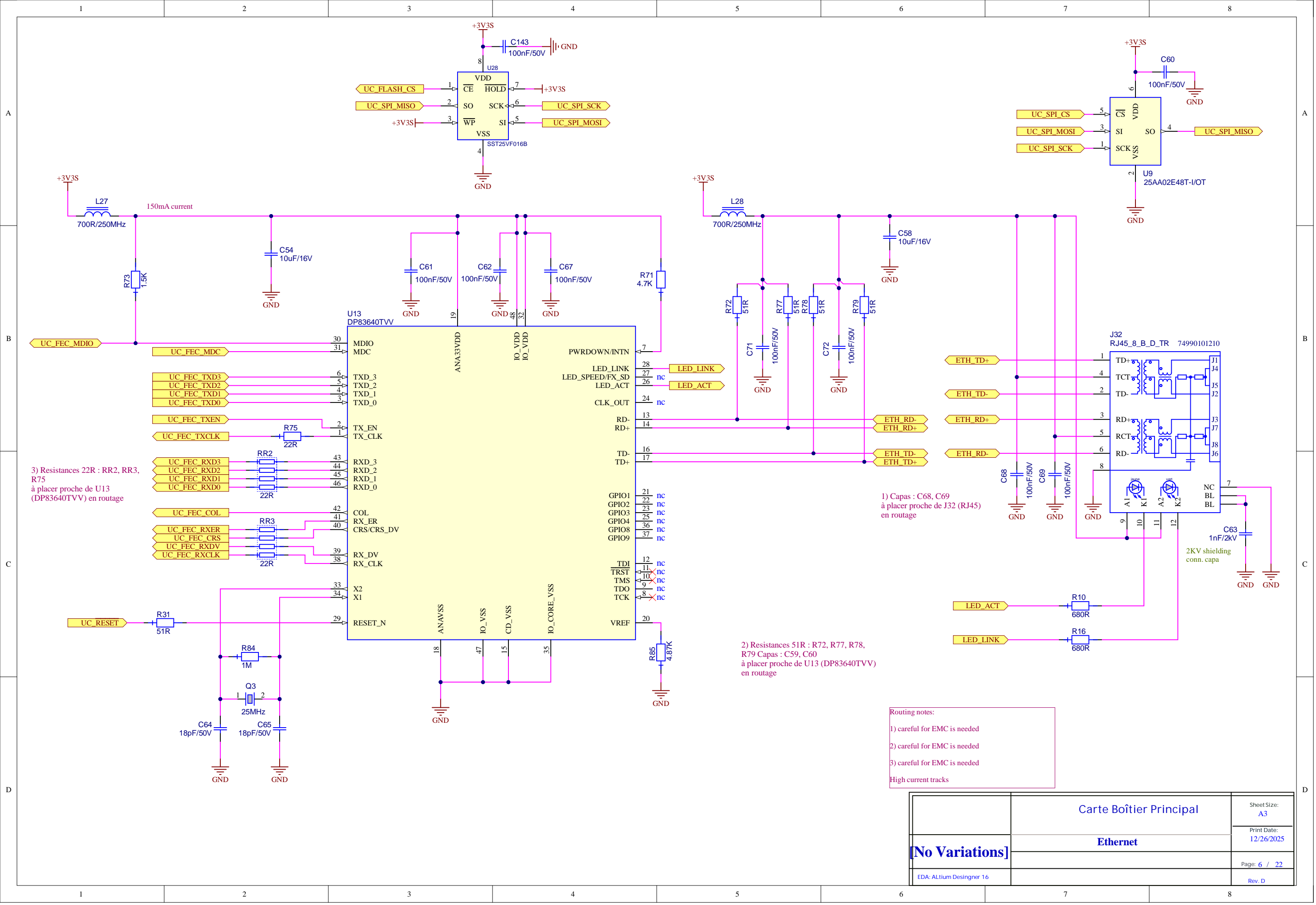
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	Alimentation 2/2		Print Date: 12/26/2025
			Page: 3 / 22
	EDA: ALTium Designer 16		Rev. D



Routing notes:  
1) careful for EMC is needed  
High current tracks

[No Variations]	Carte Boîtier Principal		Sheet Size: A3
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			Page: 4 / 22
	EDA: Altium Designer 16		Rev. D





A

A

B

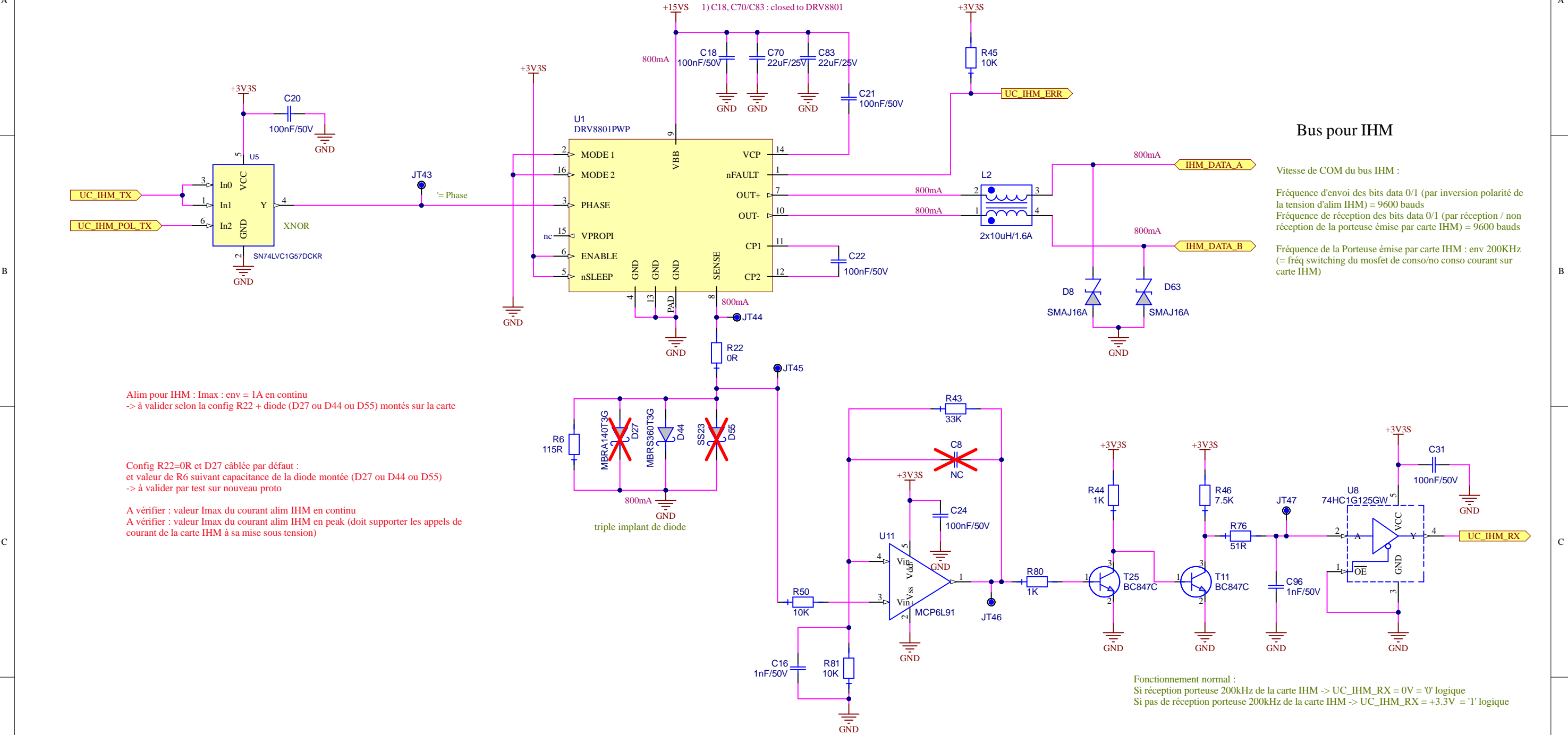
B

C

C

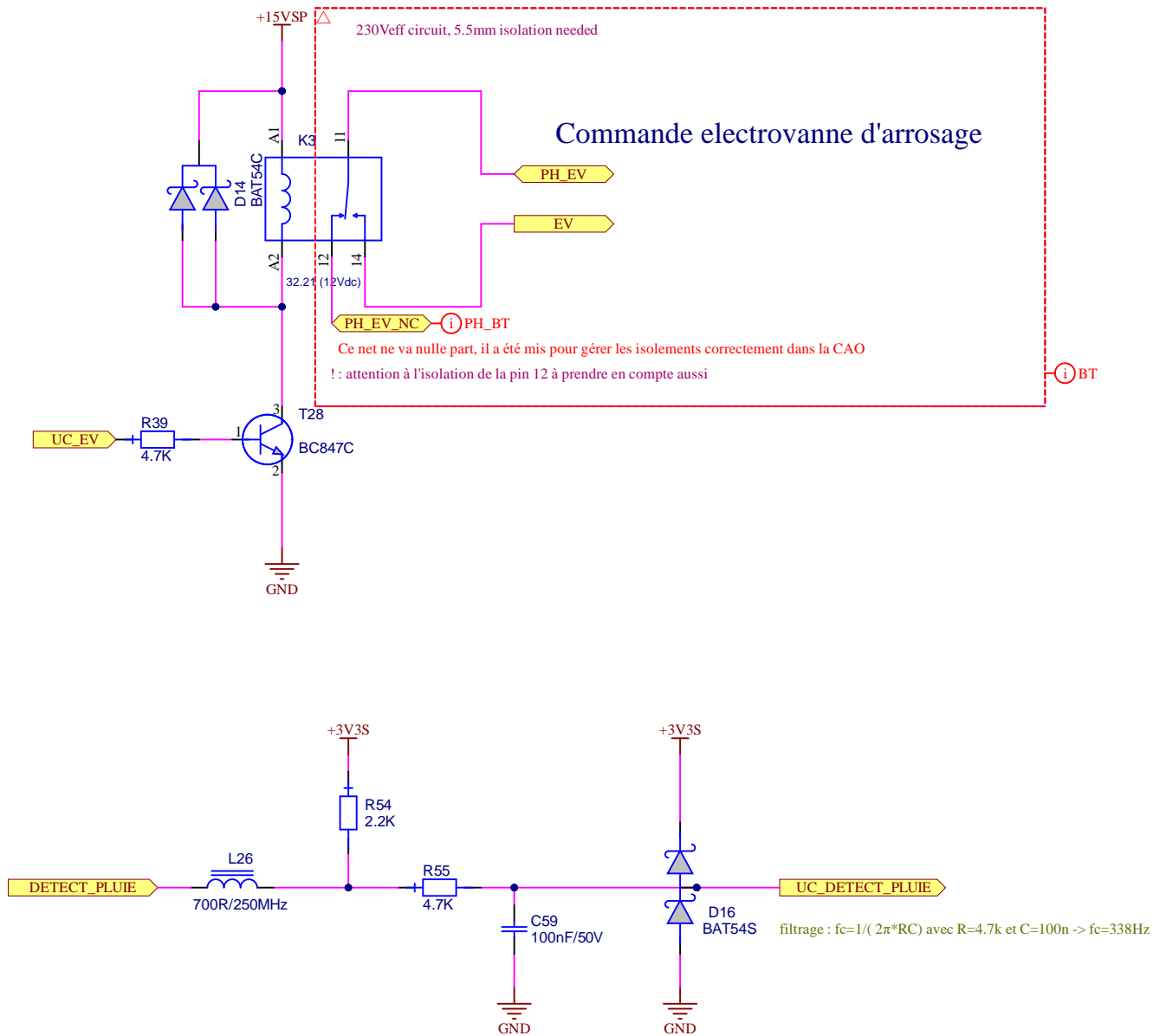
D

D



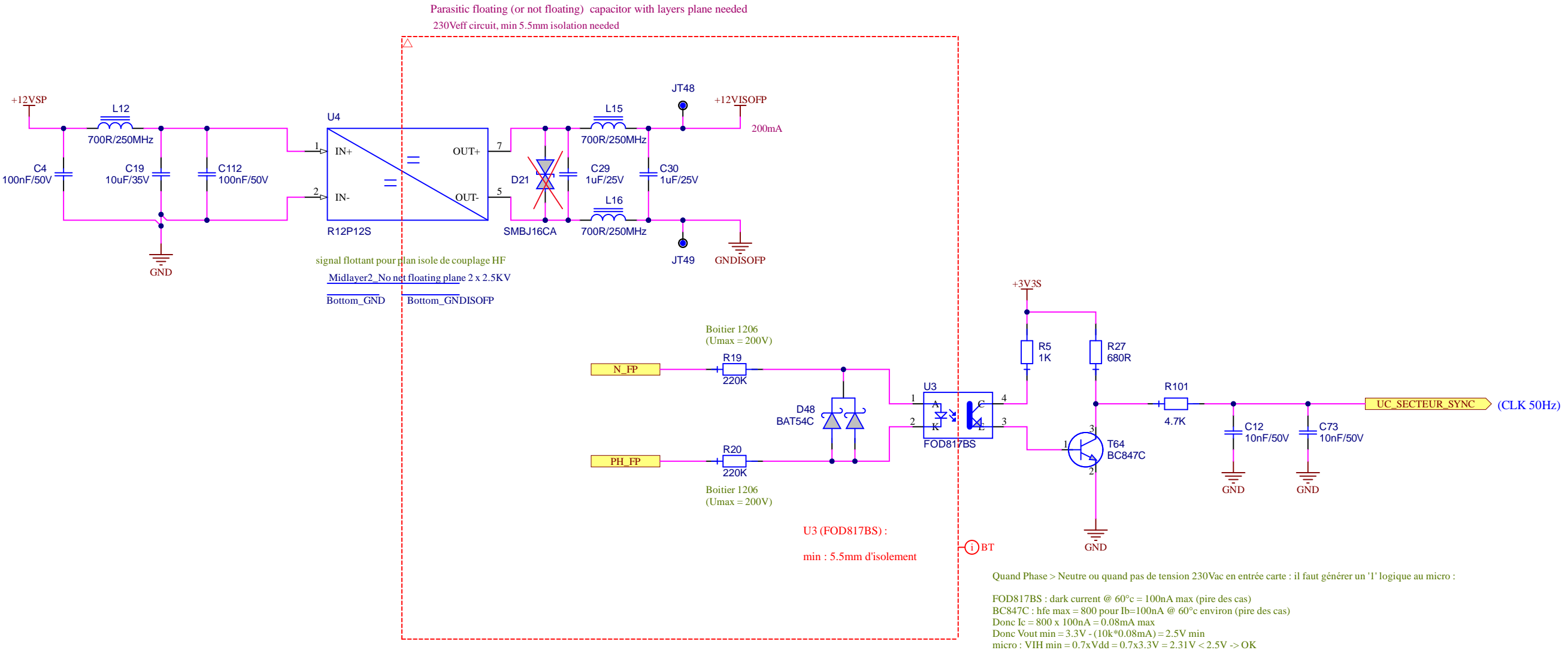
Routing notes:  
1) careful for EMC is needed  
High current tracks

[No Variations]	Carte Boîtier Principal	Sheet Size: A3
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		Page: 8 / 22
EDA: Altium Designer 16		Rev. D

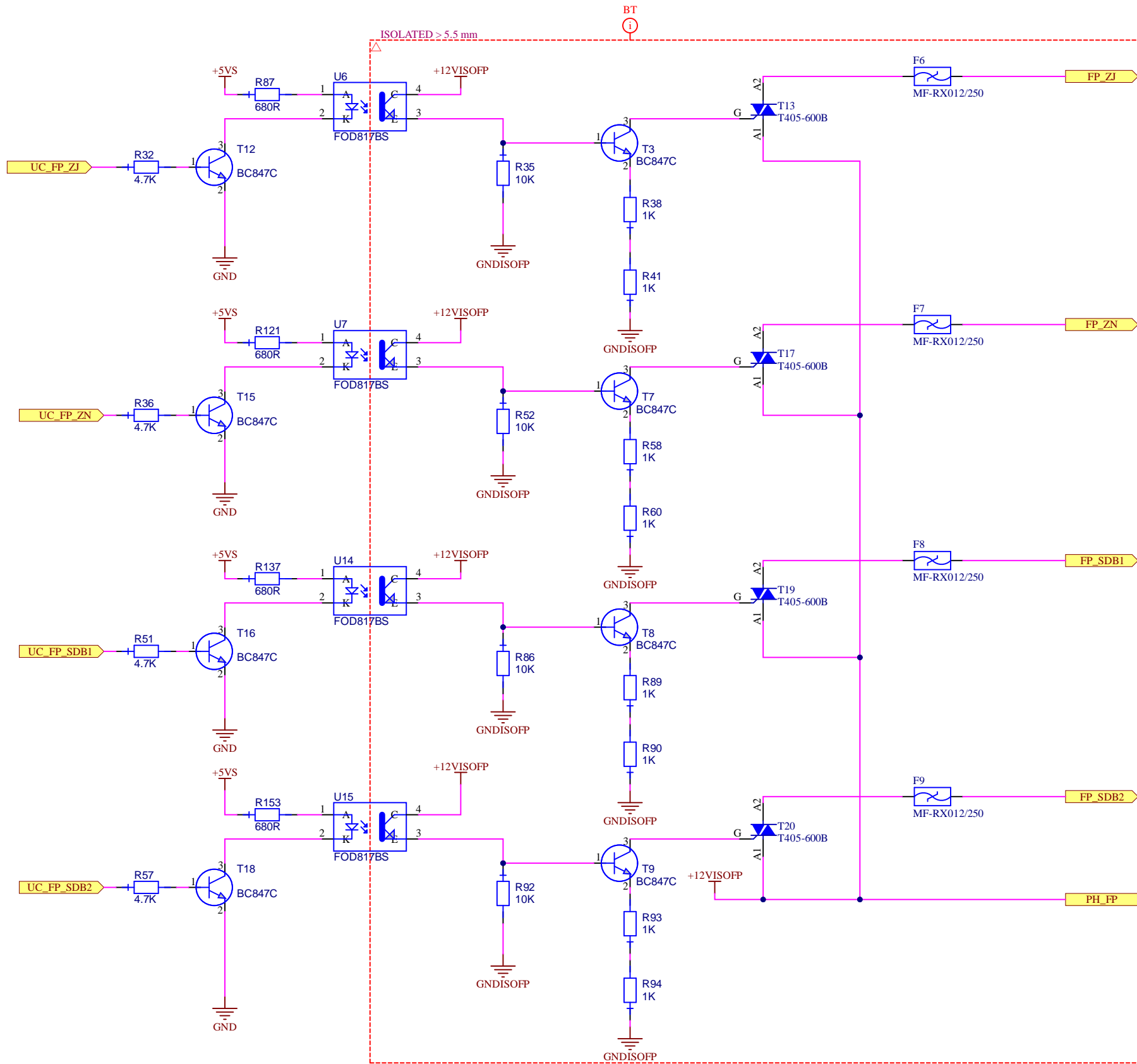


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			Page: 13 / 22
	EDA: ALtium Desingner 16		Rev. D

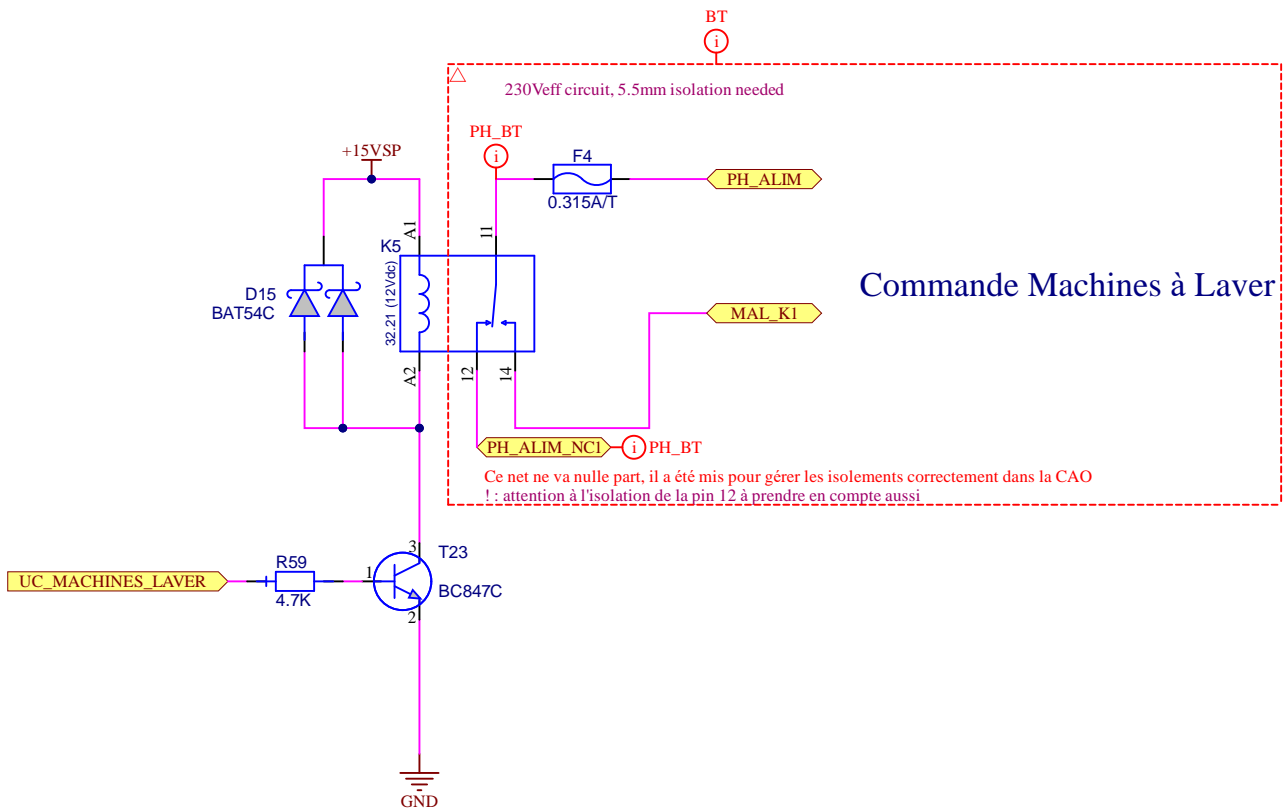




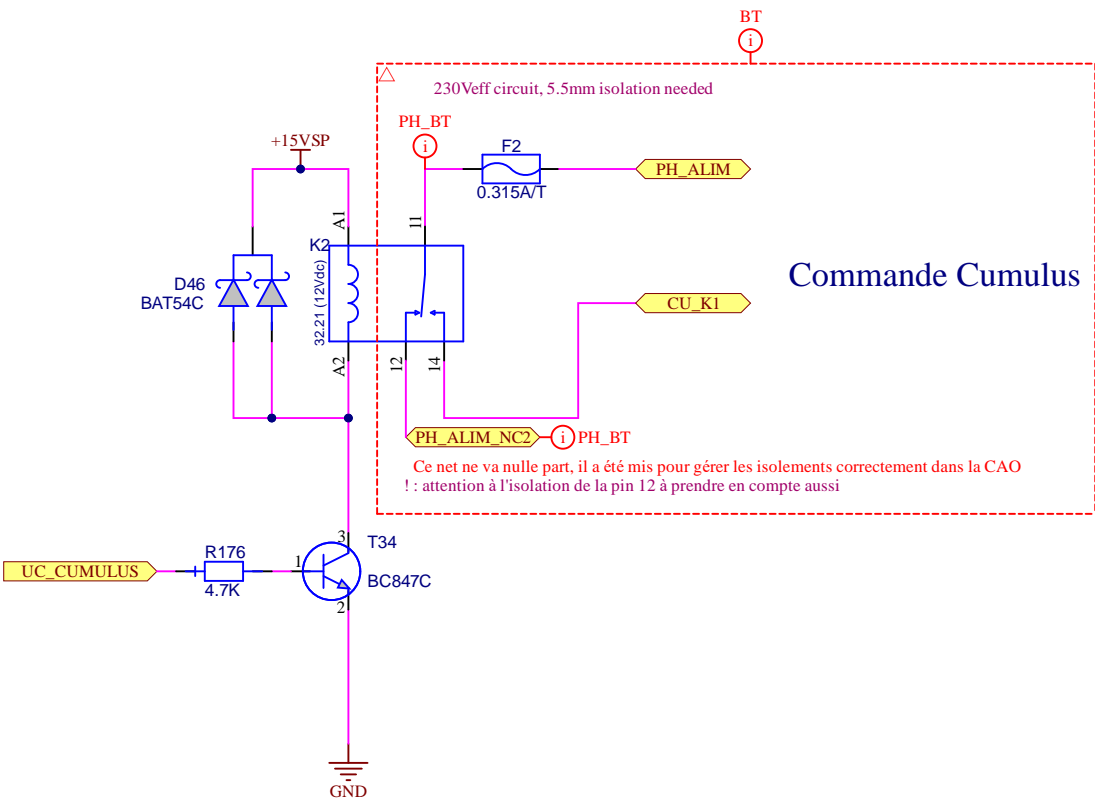
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		Page: 14/ 22
	EDA: Altium Desingner 16	Rev. D



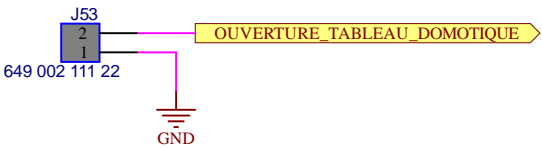
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			Page: 15 / 22
	EDA: Altium Desingner 16		Rev. D



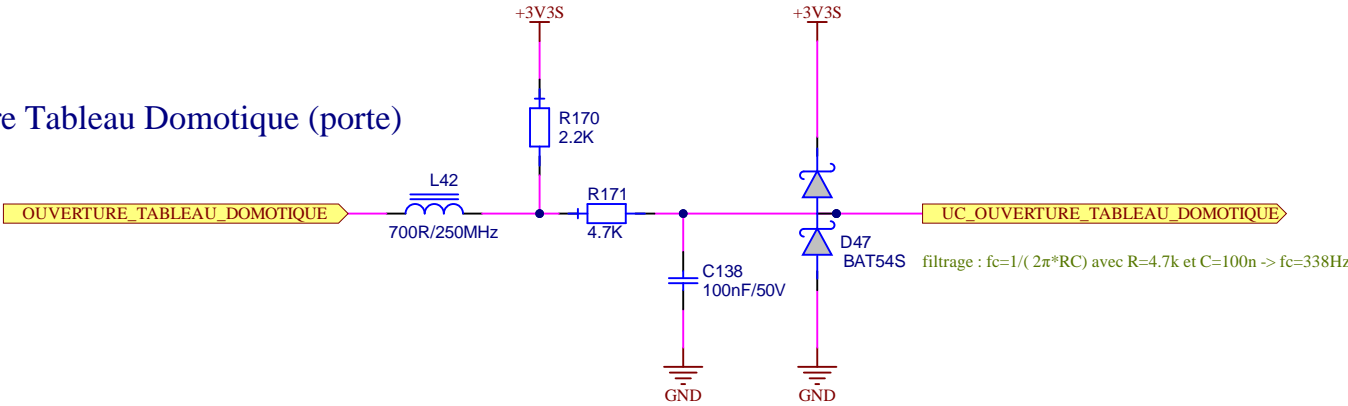
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	EDA: Altium Desingner 16	Rev. D



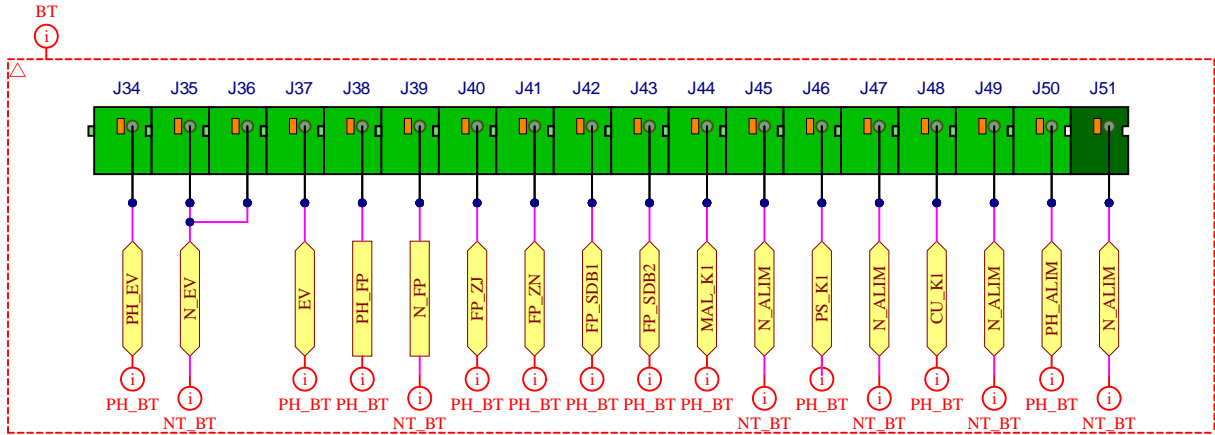
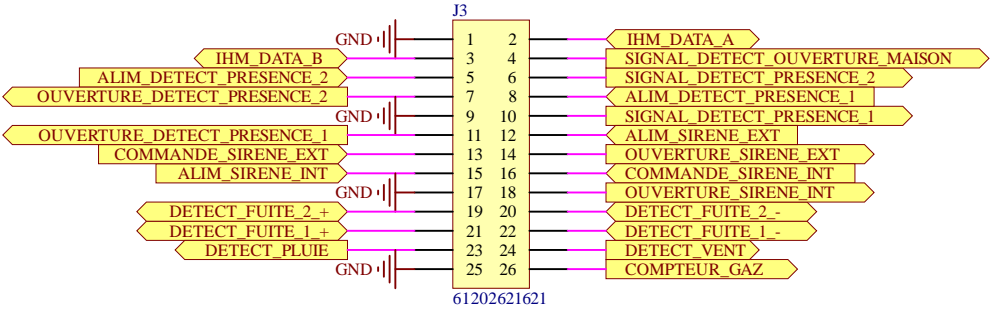
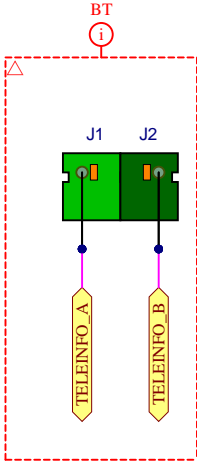
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	Cumulus	Page: 18 / 22
	EDA: Altium Desingner 16	Rev. D



Ouverture Tableau Domotique (porte)



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	Porte Tableau Domotique (ouverture)	Page: 21 / 22
	EDA: Altium Desingner 16	Rev. D



[No Variations]	Carte Boîtier Principal	Sheet Size: A3
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EDA: Altium Desingner 16		Page: 22 / 22
		Rev. D