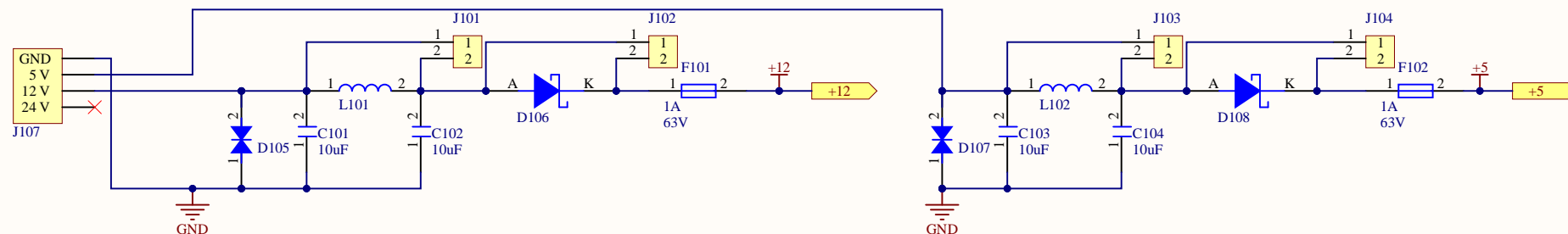
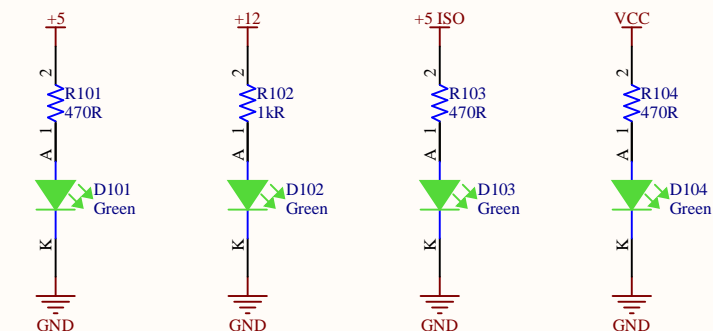
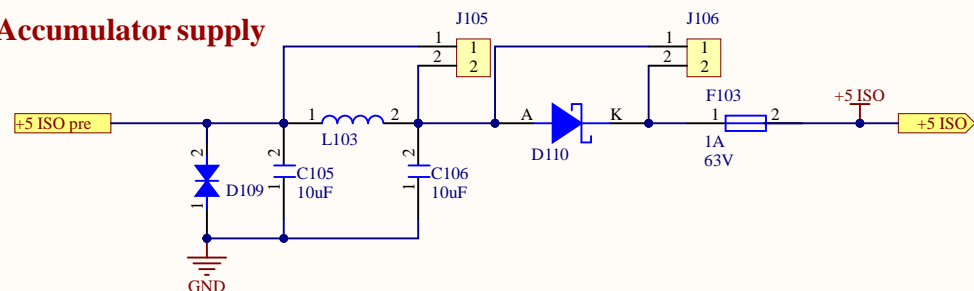


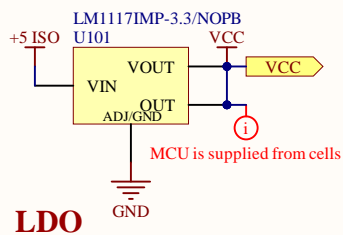
External supply



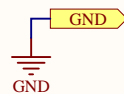
Accumulator supply




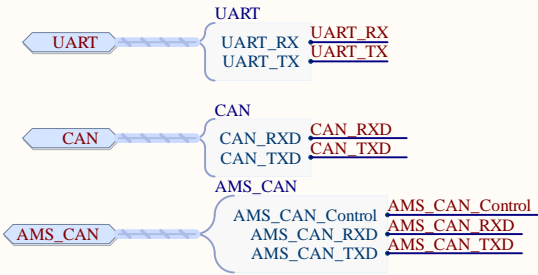
Supply LEDs



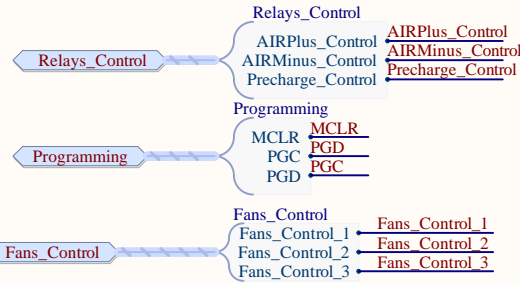
LDO



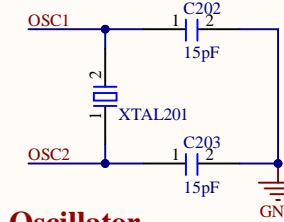
Company: e-Tech Racing		e-techracing.es	
Project: AMS_Master		Variant: [No Variations]	
Size: -	Page Contents: [1] Supply.SchDoc		Version: 3.0
Author: David Redondo		dredondovinolo@gmail.com	Department: Accumulator-BMS
Checked by:		Date: 05/08/2022	



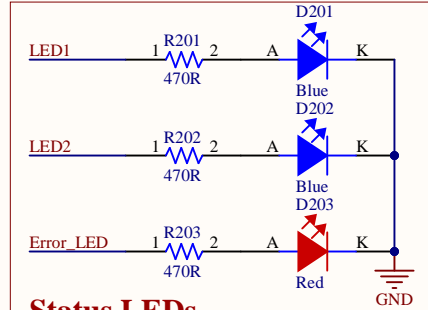
Signal harnesses



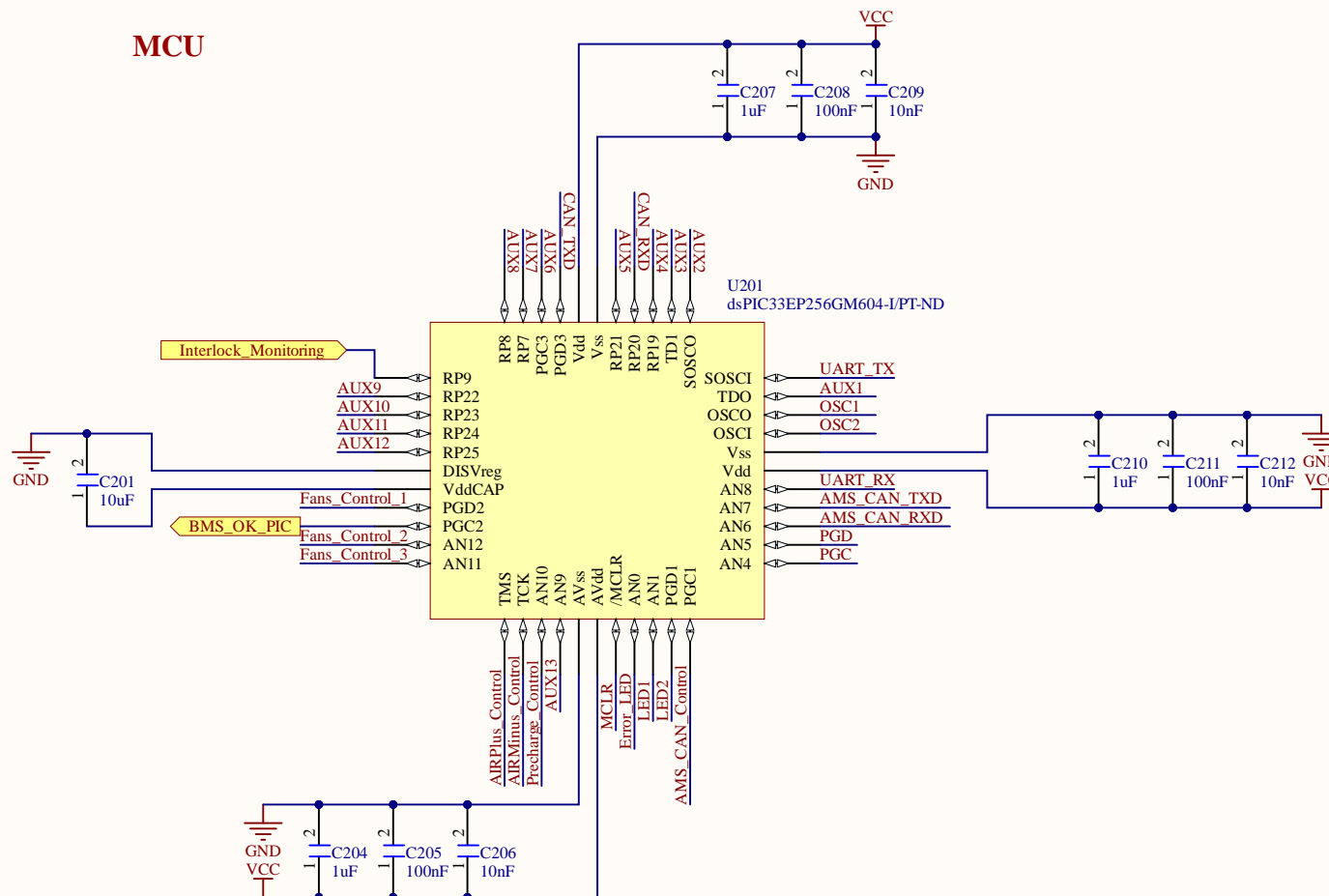
$C_{Load} = 2 * (C_L - C_{stray})$
 $C_{Load} = 2 * (18pF - 10pF) \approx 15pF$
 Cstray depends on layout, approx 5pF to 15pF



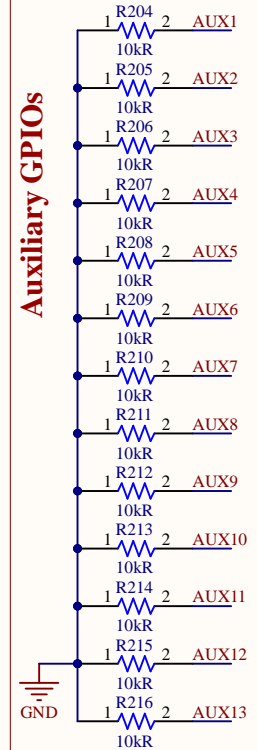
Oscillator



Status LEDs

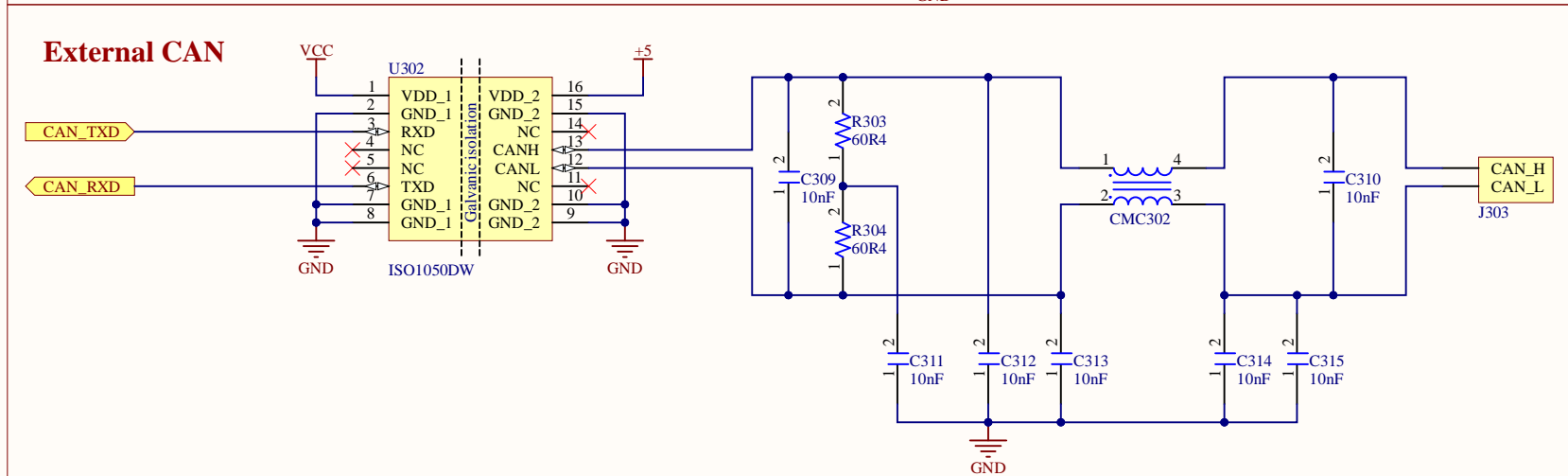
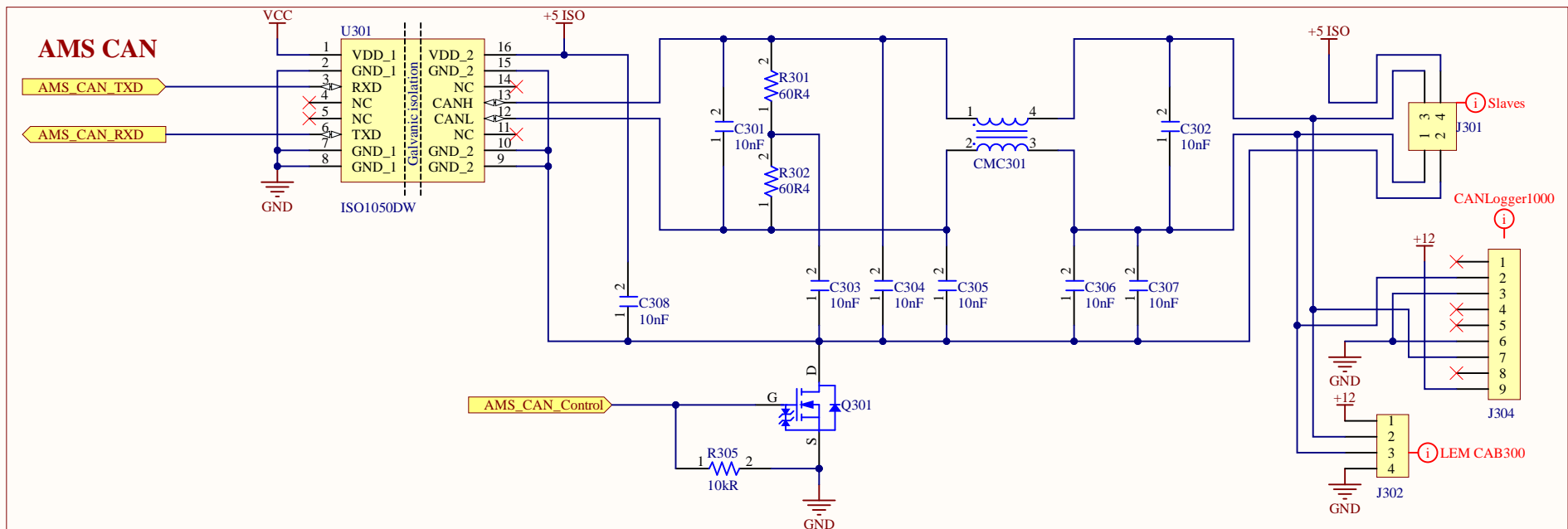


Auxiliary GPIOs



Company: e-Tech Racing		e-techracing.es	
Project: AMS_Master		Variant: [No Variations]	
Size: -	Page Contents: [2] MCU.SchDoc		Version: 3.0
Author: David Redondo		dredondovinolo@gmail.com	
Checked by:		Date: 05/08/2022	
		Department: Accumulator-BMS	

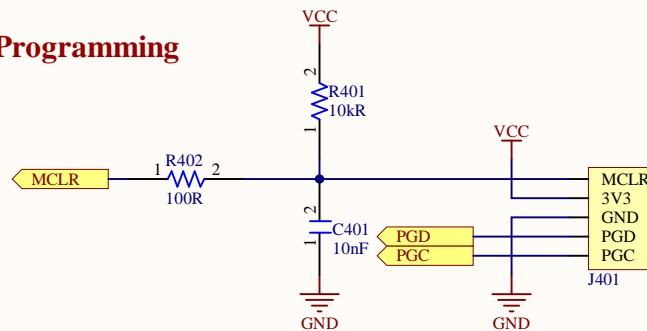




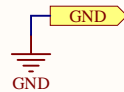
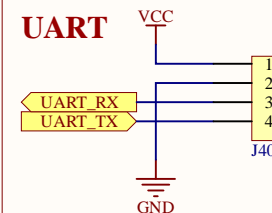
Company: e-Tech Racing		e-techracing.es	
Project: AMS_Master		Variant: [No Variations]	
Size:	Page Contents:		Version: 3.0
-	{3} CAN_SchDoc		Department: Accumulator-BMS
Author: David Redondo		dredondovinolo@gmail.com	
Checked by:		Date: 05/08/2022	




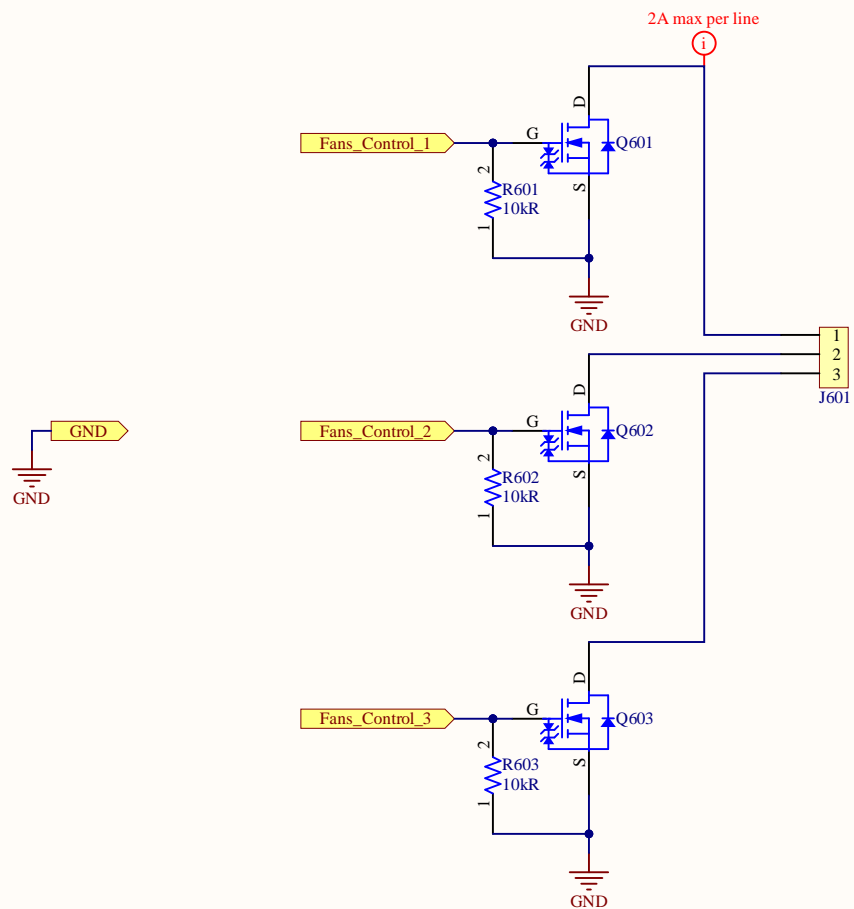
Programming




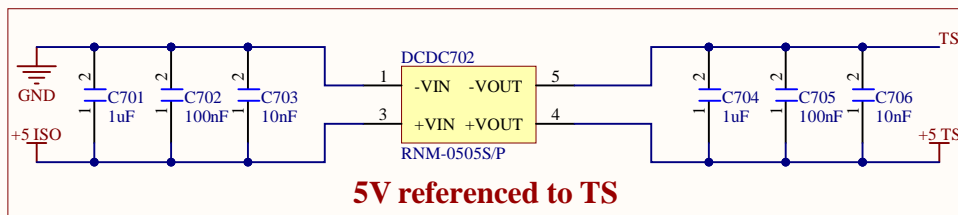
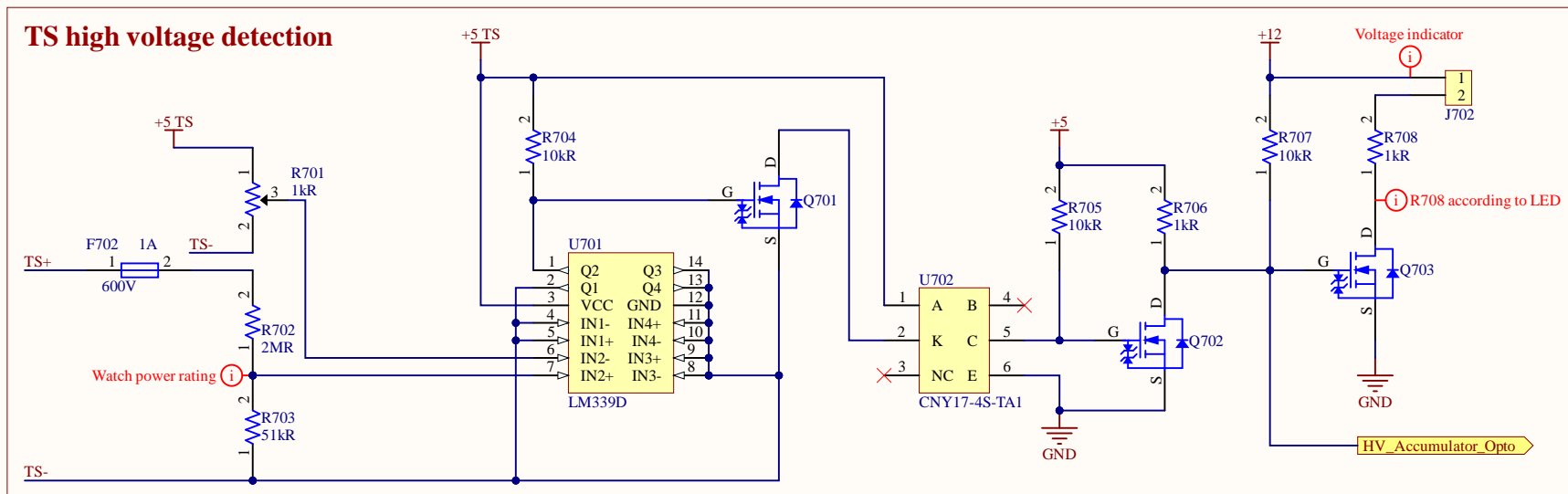
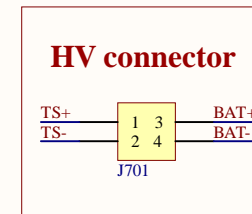
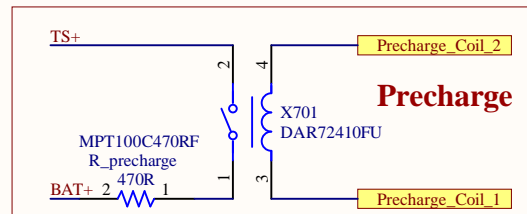
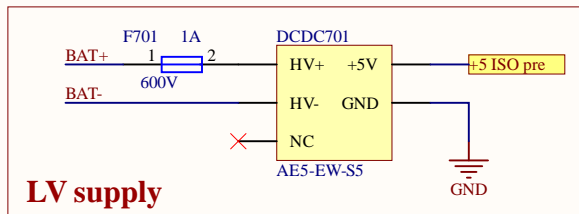
UART



Company: e-Tech Racing		e-techracing.es	
Project: AMS_Master		Variant: [No Variations]	
Size: -	Page Contents: [4]Programming_UART.SchDoc		Version: 3.0
			Department: Accumulator-BMS
Author: David Redondo dredondovinolo@gmail.com			Sheet * of *
Checked by:			Date: 05/08/2022

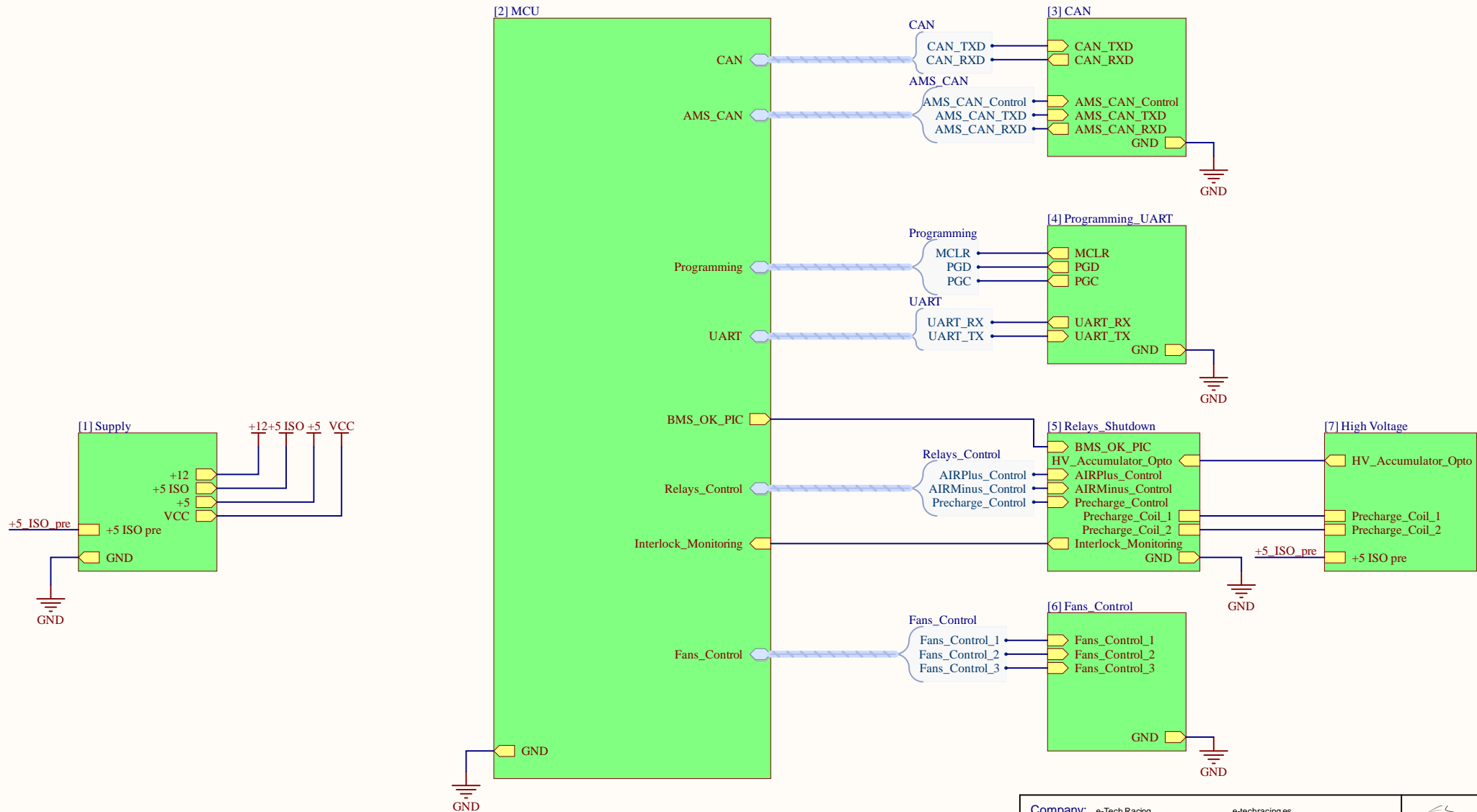



Company: e-Tech Racing		e-techracing.es	
Project: AMS_Master		Variant: [No Variations]	
Size: -	Page Contents: [6] Fans_Control.SchDoc		Version: 3.0
			Department: Accumulator-BM
Author: David Redondo dredondovino@gmail.com			Sheet · of ·
Checked by:			Date: 05/08/2022



Company: e-Tech Racing		e-techracing.es	
Project: AMS_Master		Variant: [No Variations]	
Size: -	Page Contents: [7]High Voltage.SchDoc		Version: 3.0
Author: David Redondo		dredondovinolo@gmail.com	
Checked by:		Date: 05/08/2022	
Department: Accumulator-BMS		Sheet . of .	





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Project: AMS_Master		Variant: [No Variations]		
Size: -	Page Contents: AMS_Master.SchDoc		Version: 3.0	Department: Accumulator-BMS
Author: David Redondo dredondovinolo@gmail.com			Sheet of	
Checked by:			Date: 05/08/2022	

Board Stack Report