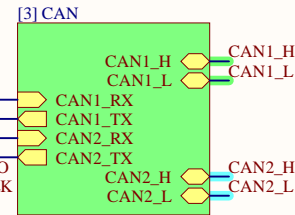
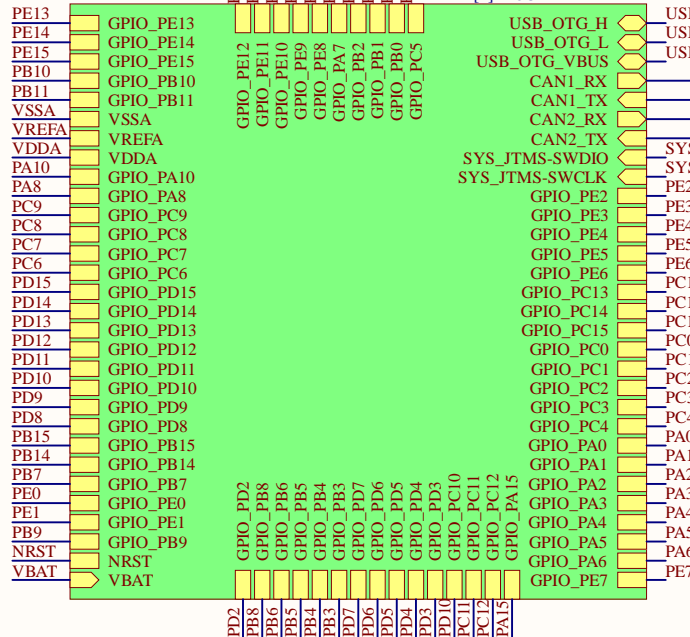
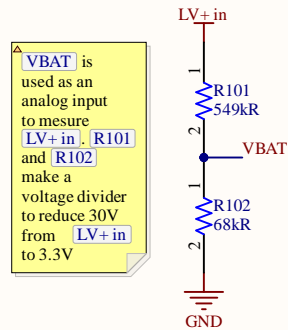
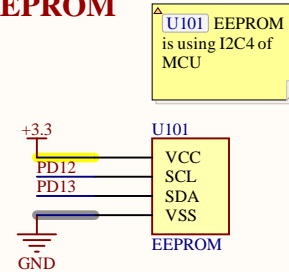


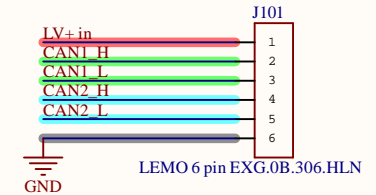
Vbat input



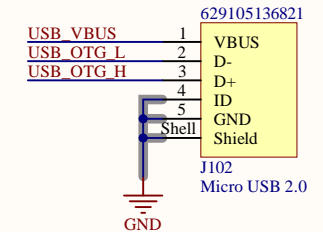
EEPROM



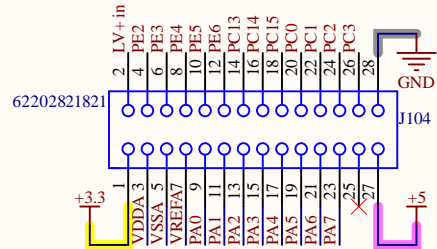
Supply & CAN connector



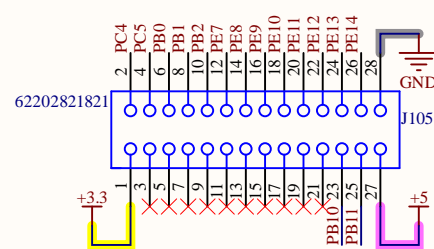
USB connector

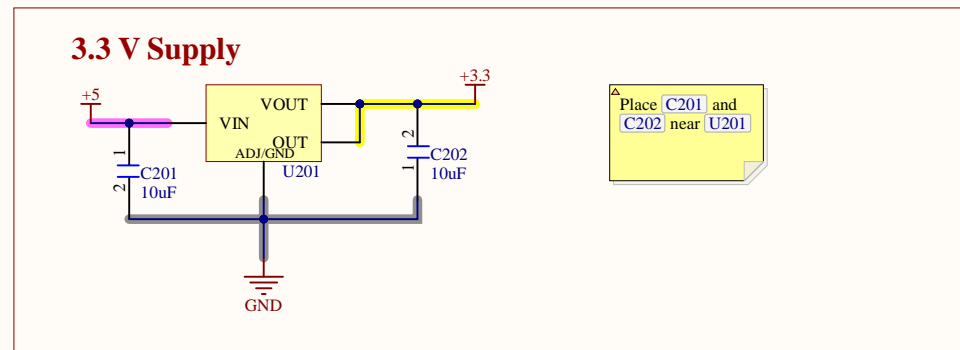
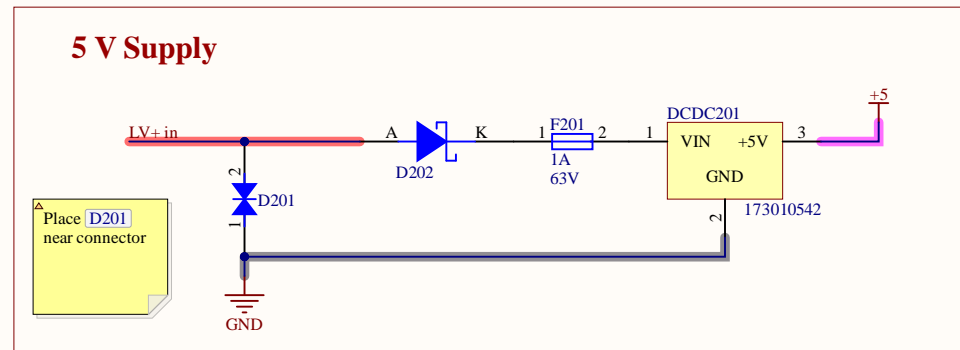
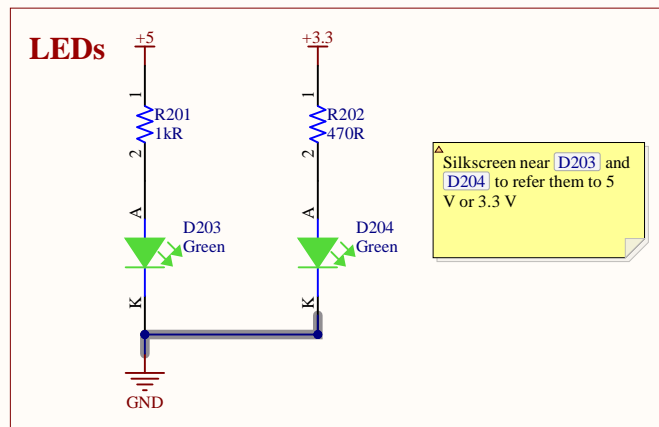
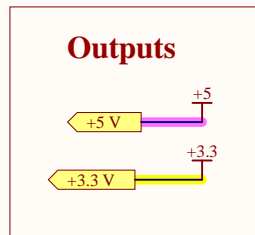
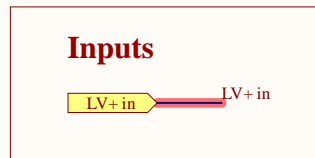



Pin header 1



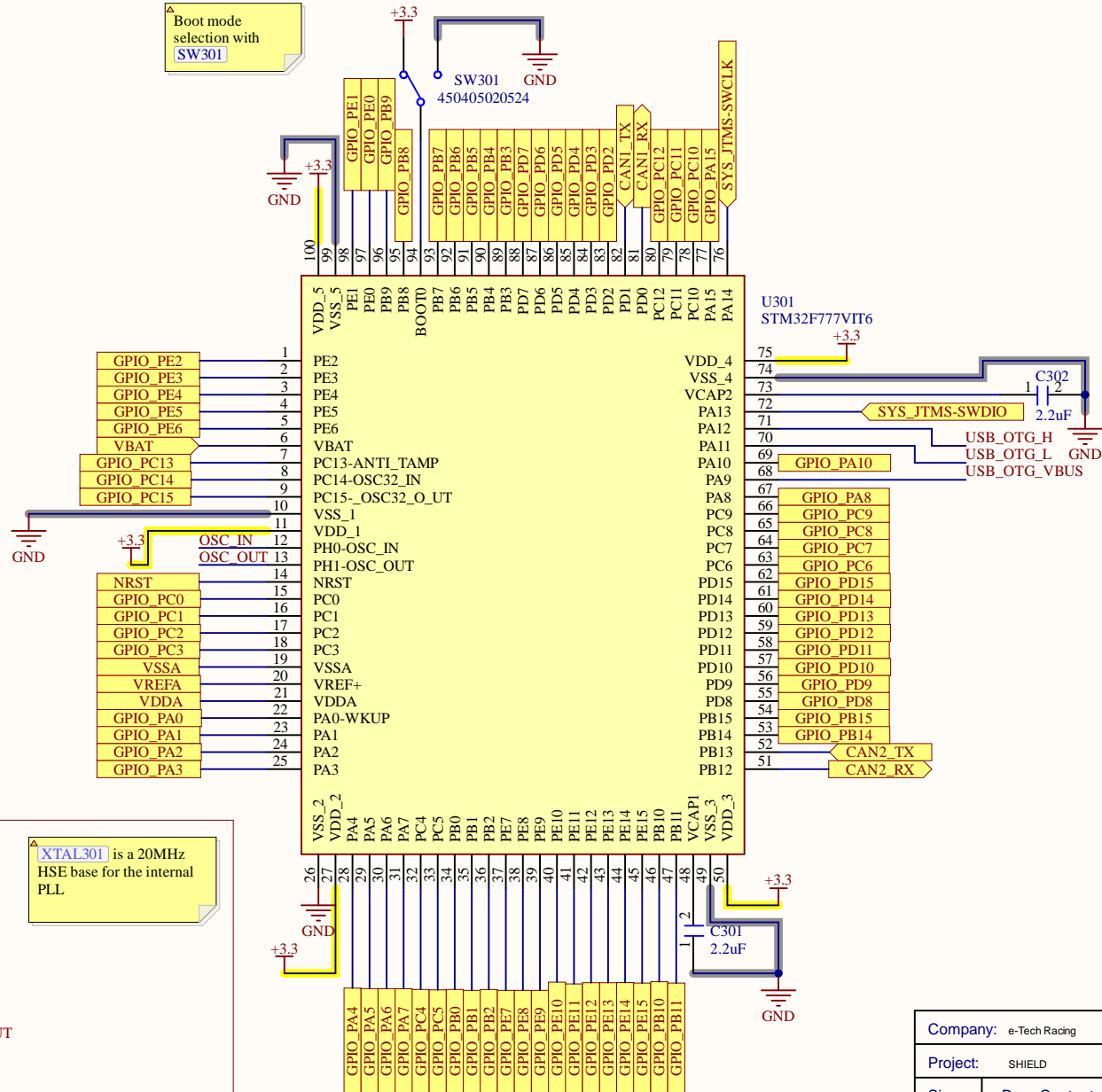
Pin header 2





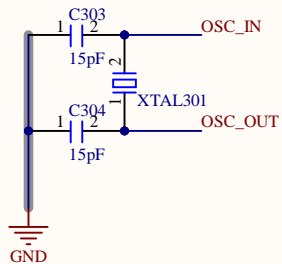
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Project: SHIELD		Variant: [No Variations]			
Size:	Page Contents: [1] Supply.SchDoc			Version:	1.0
-				Department:	Hardware
Author: Bernat Costa Cesari				bernat.costa.cesari@estudiantat.upc.edu	
Sheet 2				of 4	
Checked by: Andreu Senis				Date: 16/10/2023	

Boot mode selection with SW301

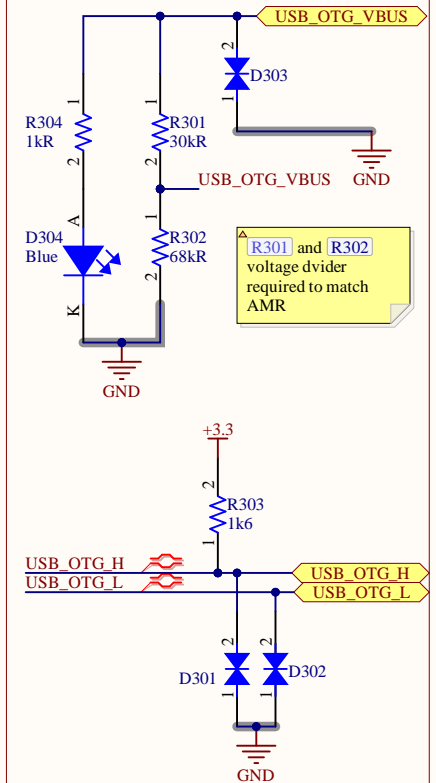


XTAL Oscillator

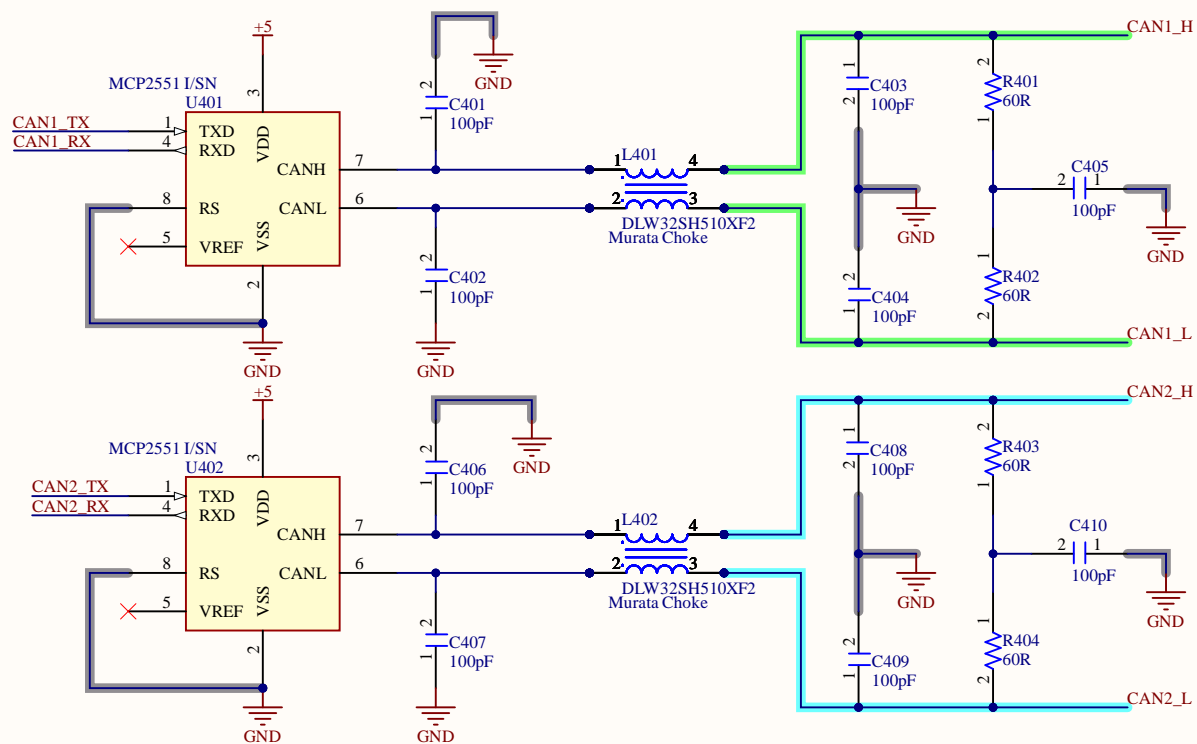
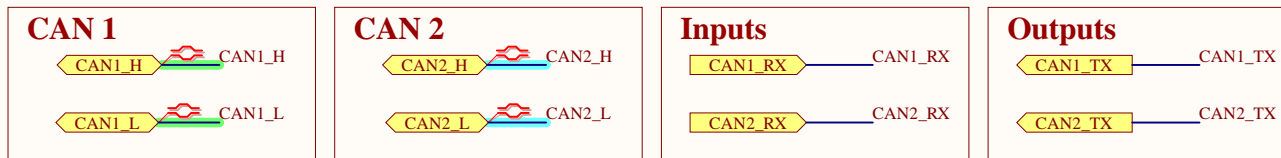
XTAL301 is a 20MHz HSE base for the internal PLL



USB OTG



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Project: SHIELD		Variant: [No Variations]	
Size: -	Page Contents: [2] MCU_SchDoc		Version: 1.0
			Department: Hardware
Author: Bernat Costa Cesari		Sheet 3 of 4	
Checked by: Andreu Senis		Date: 16/10/2023	



Company: e-Tech Racing		e-techracing.es	
Project: SHIELD		Variant: [No Variations]	
Size:	Page Contents: [3] CAN_SchDoc		Version: 1.0
-			Department: Hardware
Author: Bernat Costa Cesari		bernart.costa.cesari@estudiantat.upc.edu	
Checked by: Andreu Senis		Date: 16/10/2023	



Board Stack Report