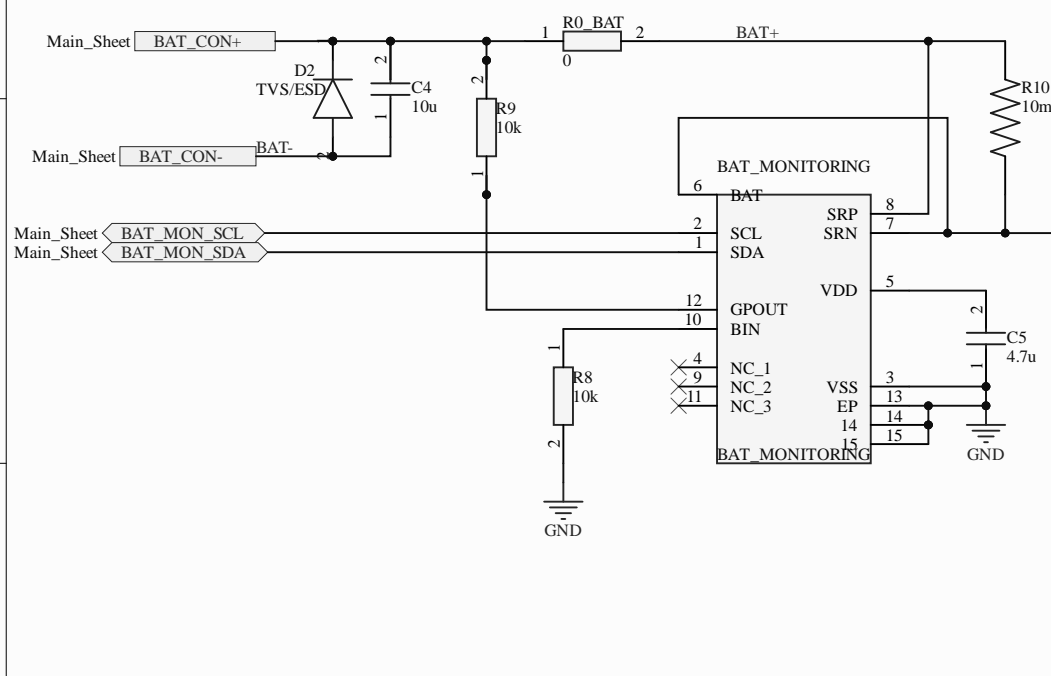
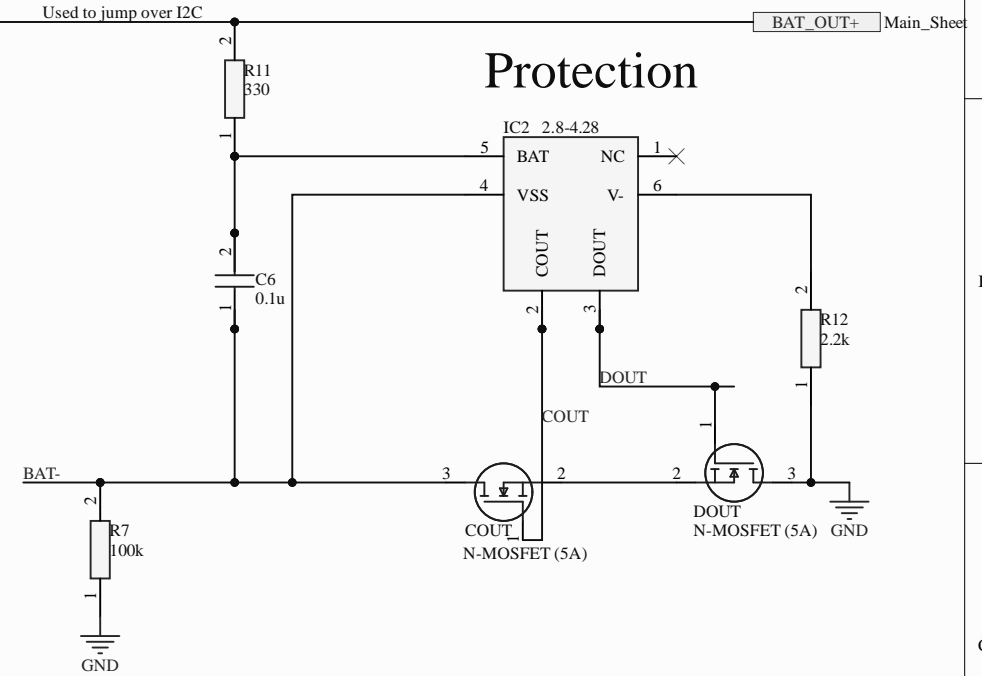


Title		
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Date:	8/06/2025	Sheet of
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# Monitoring

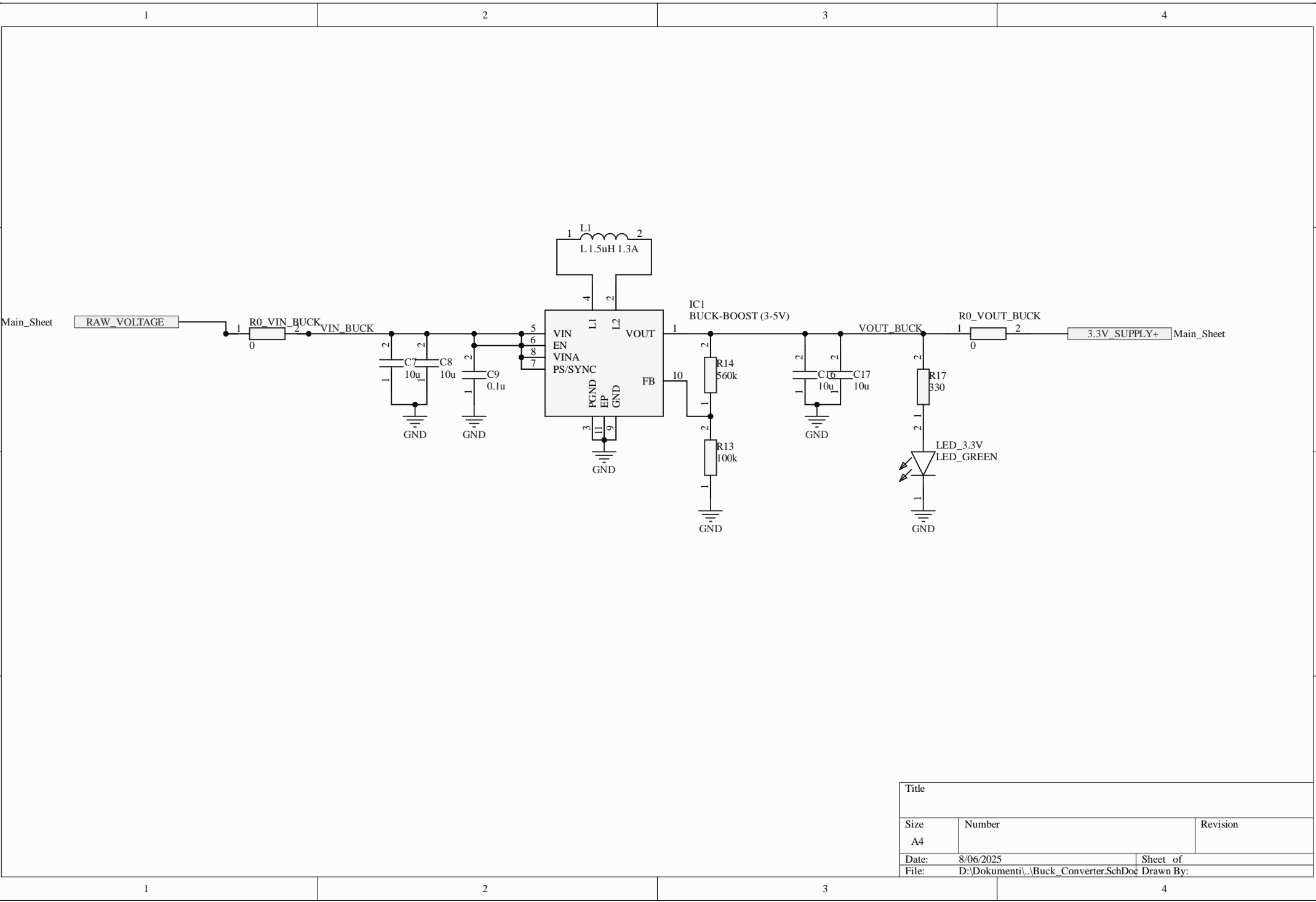


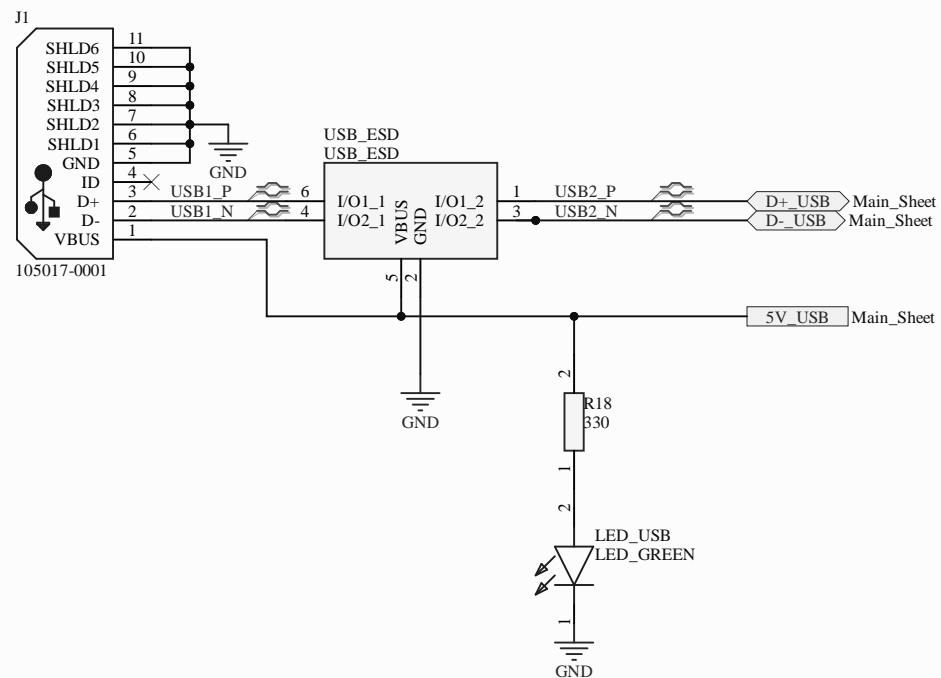
# Protection



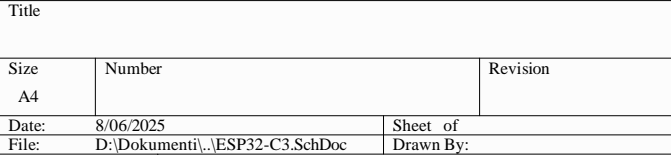
Startup pull-down: prevents BAT- floating so protection IC can start and open the connection

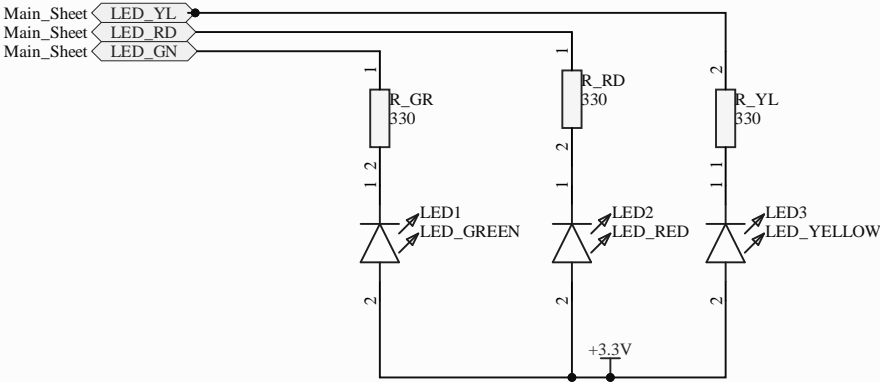
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Date:	8/06/2025	Sheet of
File:	D:\Dokument\...\Bat_Protection_Charge_Shield	Drawn By:



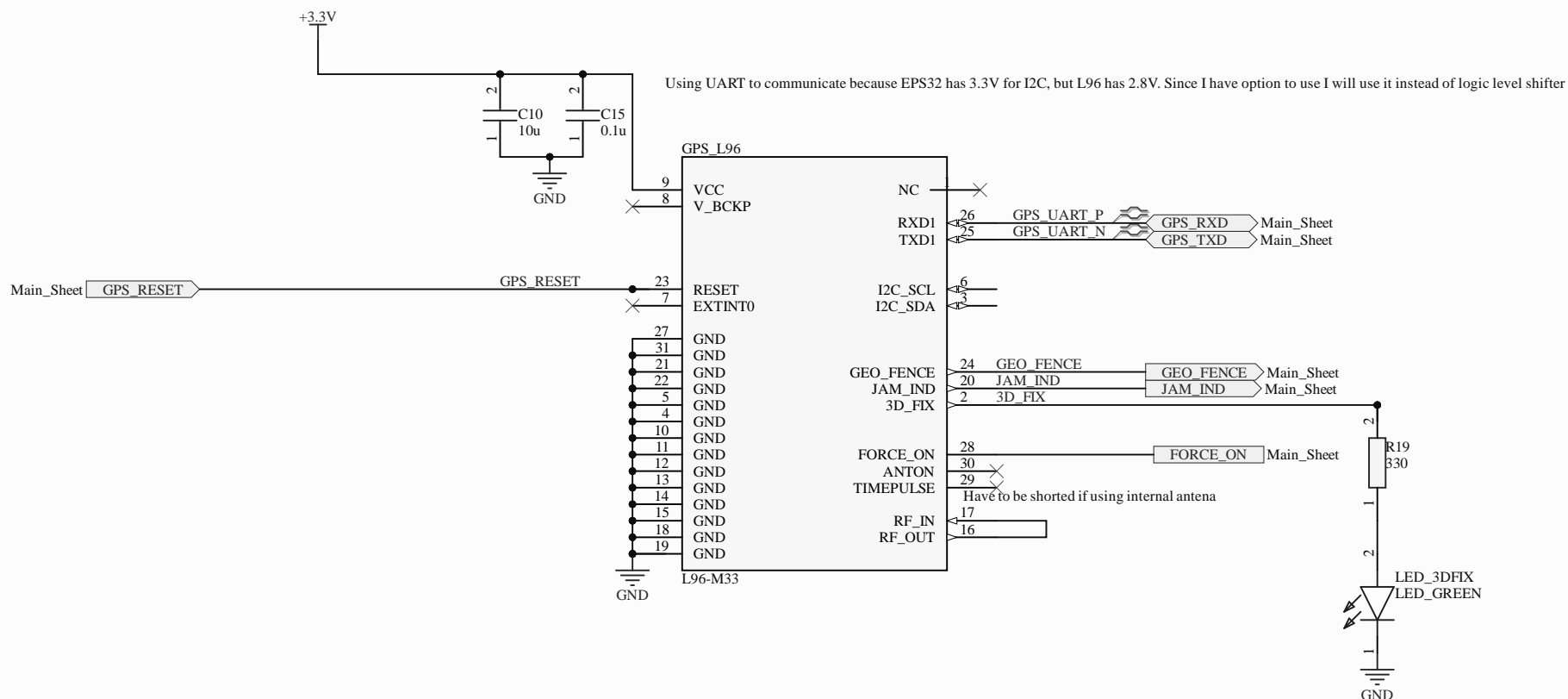


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File: D:\Dokument\...\USB_micro.SchDoc	Drawn By:	





Title		
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File: D:\Dokumenti\.\RGB_LED.SchDoc	Drawn By:	

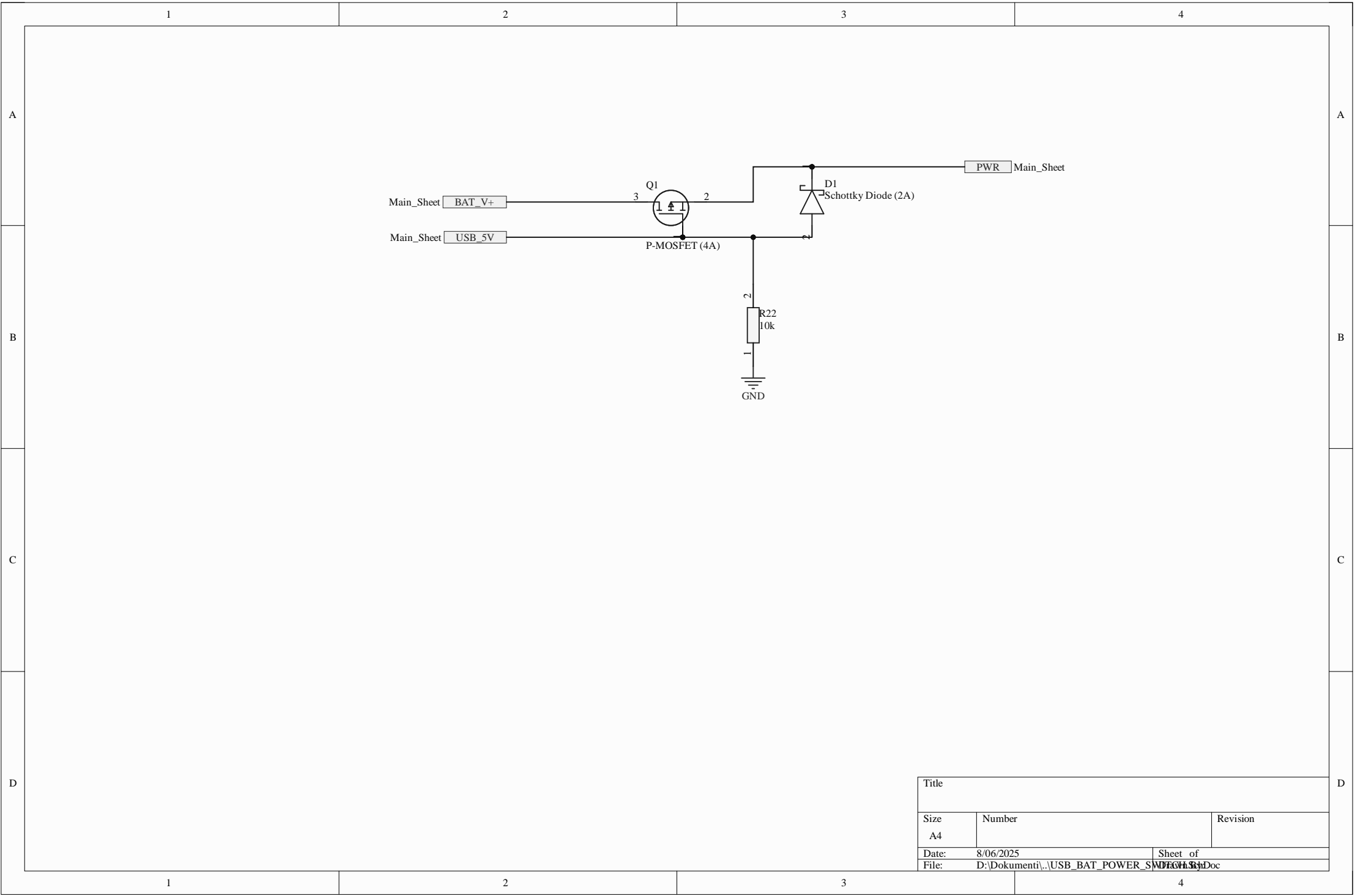
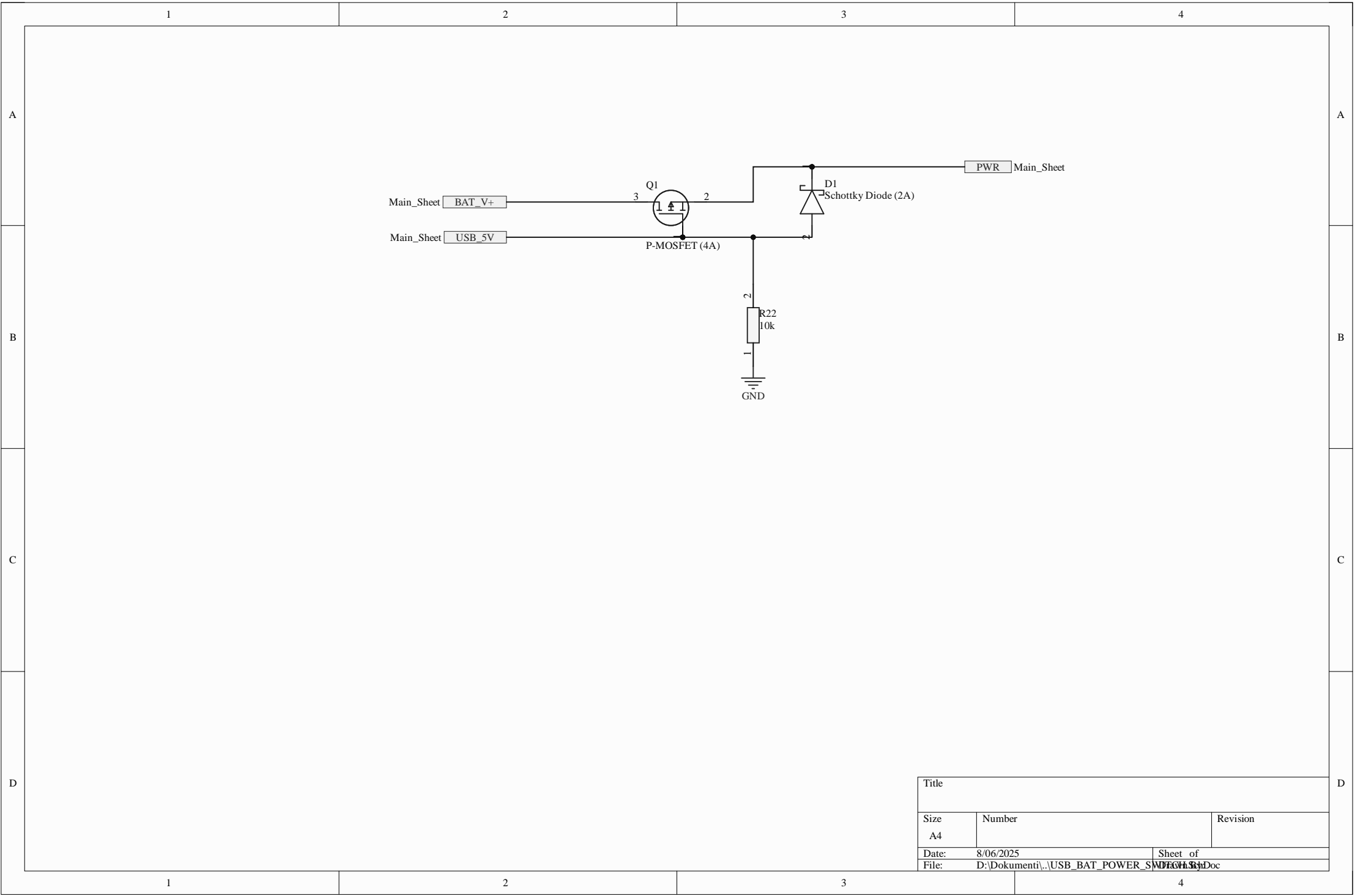


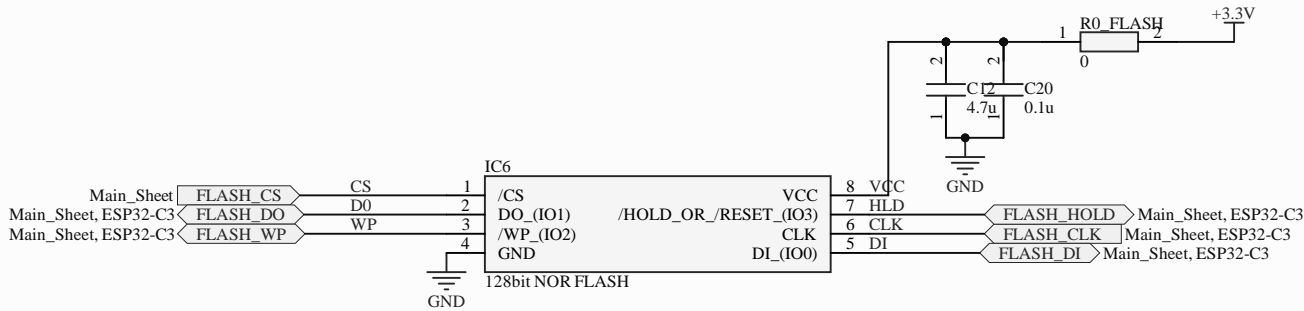
Using UART to communicate because EPS32 has 3.3V for I2C, but L96 has 2.8V. Since I have option to use I will use it instead of logic level shifter

Title		
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File:	D:\Dokumenti\...\GPS_L96_M33.SchDoc	Drawn By:

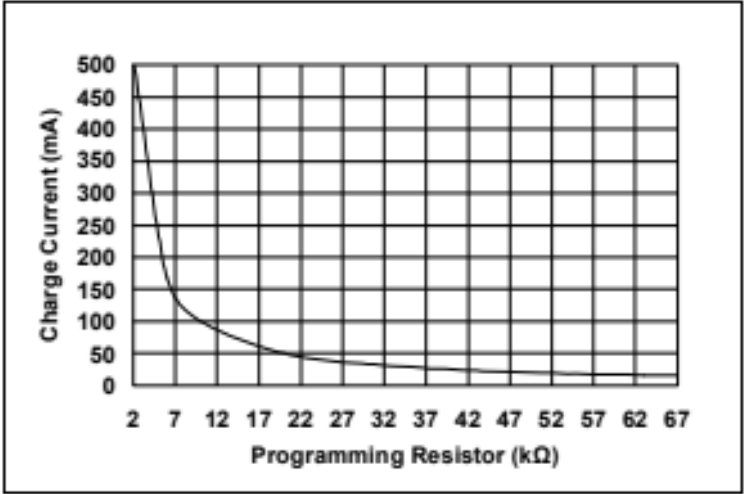
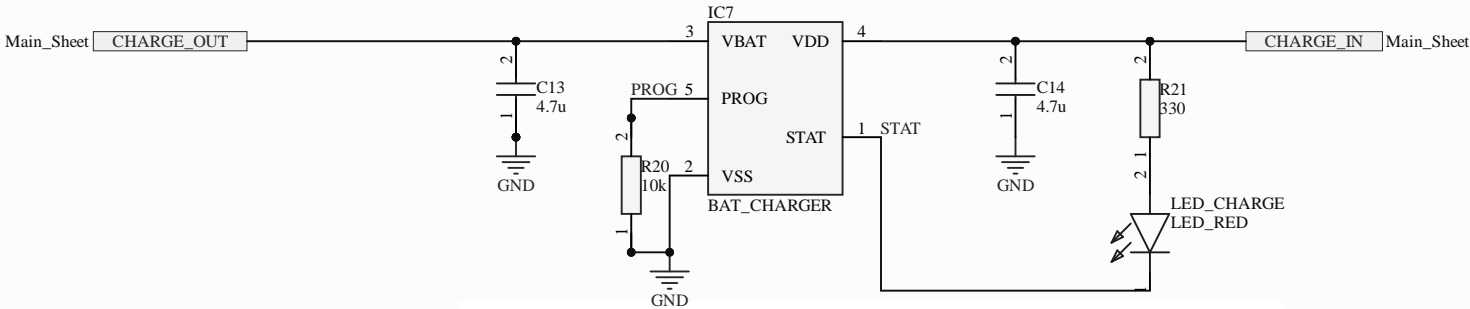








Charging



**FIGURE 2-4:** Charge Current ( $I_{OUT}$ ) vs. Programming Resistor ( $R_{PROG}$ ).

Title		
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A4		
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File:	D:\Dokumenti\.\Bat_Charger.SchDoc	Drawn By:



# Board Stack Report