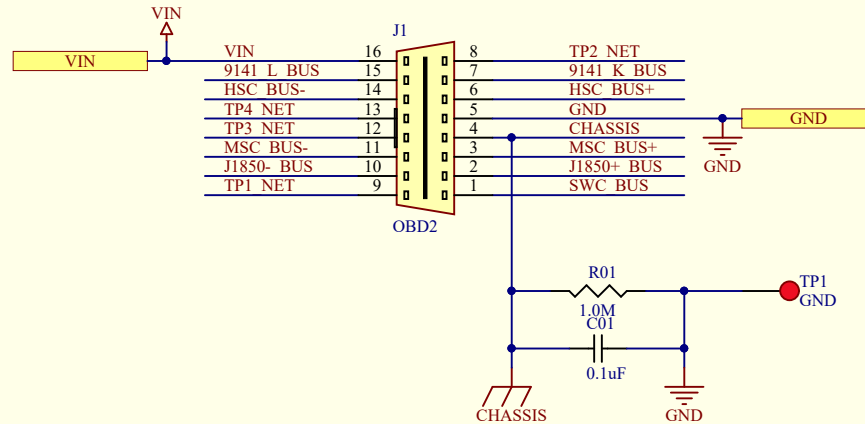
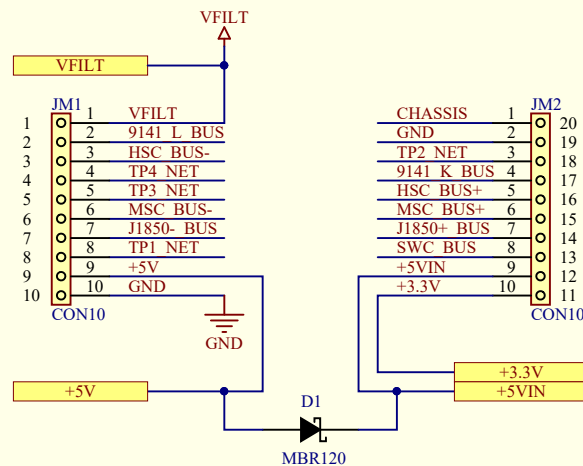


INPUT OBD2 CONNECTOR



POWER BOARD BRIDGE CONNECTORS



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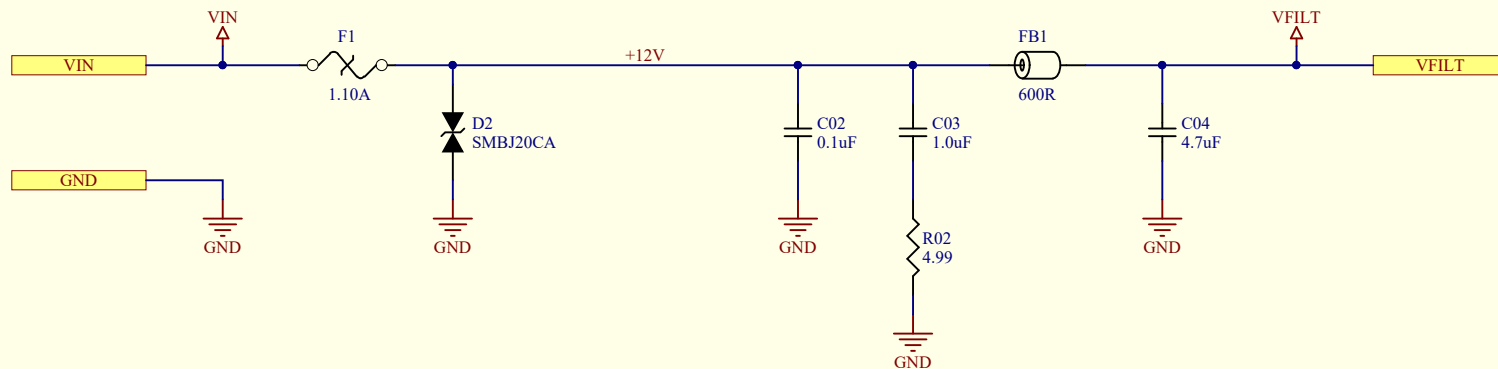
Project - Macchina A0 - Interface Board

Title: Interface Circuit - OBD Input Connectors

Size: LETTER	Document Number: SCH-01032	Revision: R2	PCB #: PCB-01032 R2
Date: 4/8/2021		Sheet 1 of 7	
File:		Drawn By: RGR	Eng: JS

OVER ($\pm V$ and $\pm A$) PROTECTION

INPUT EMI FILTER

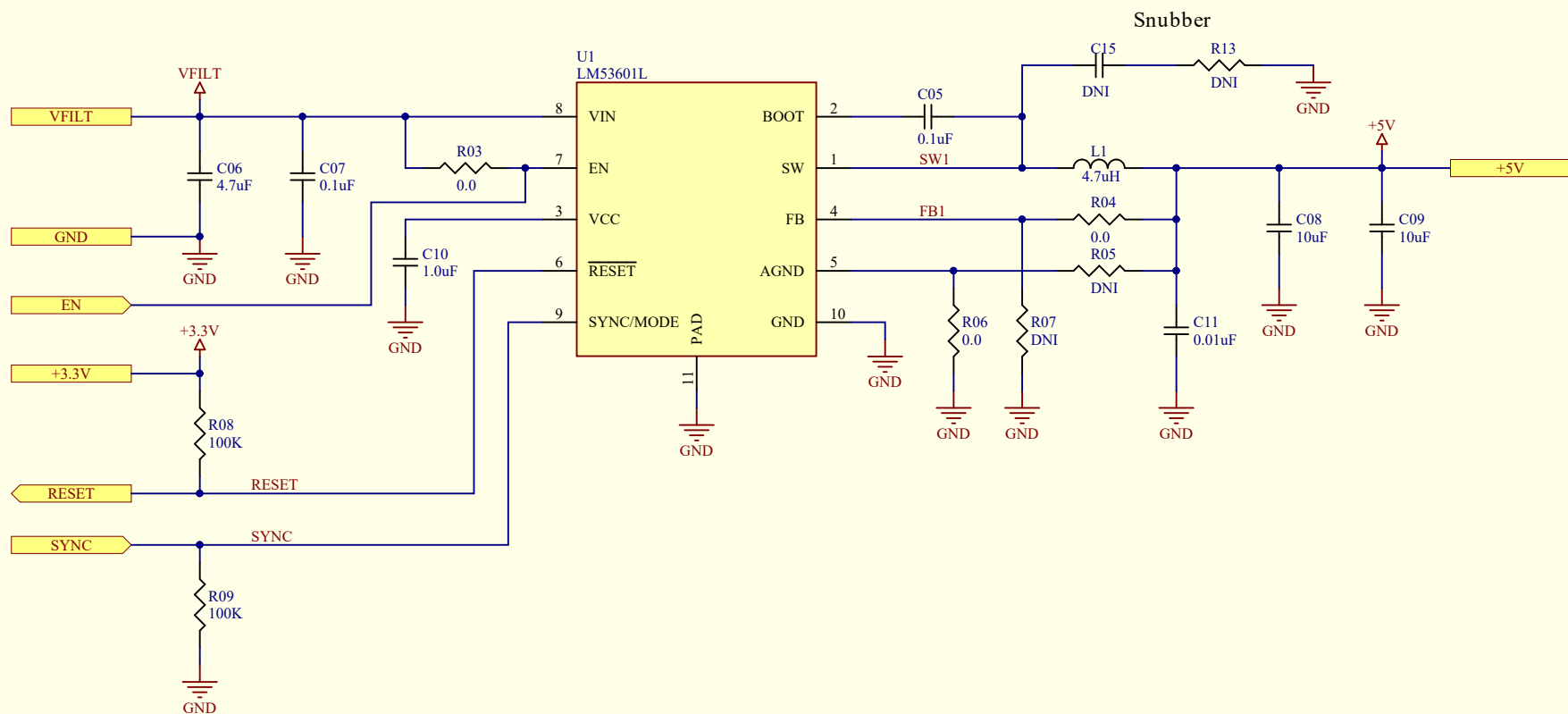


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Project - Macchina A0 - Interface Board
Title: Protection Circuit - Fuse, TVS, and EMI Filter

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Date: 4/8/2021	Sheet 2 of 7		
File:	Drawn By: RGR		Eng: JS

AUTOMOTIVE 5 VOLT SWITCHING REGULATOR

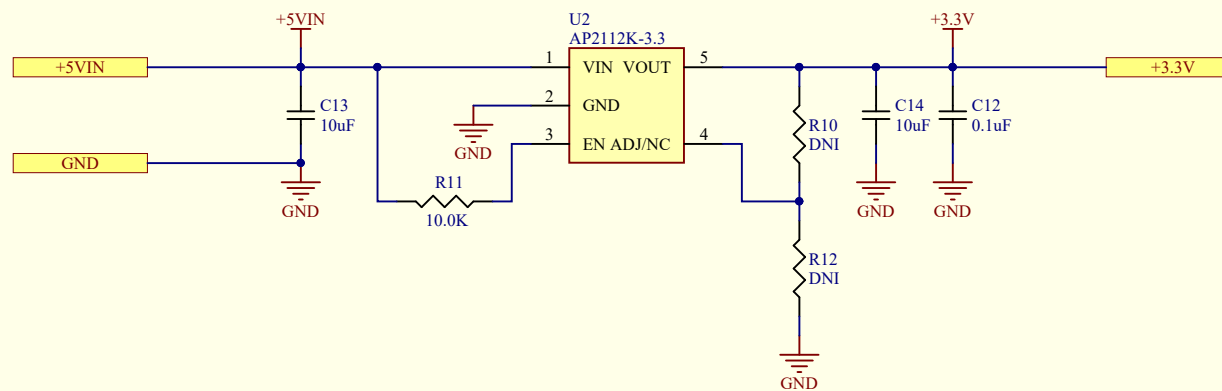



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Project - Macchina A0 - Interface Board
Title: Main Power Supply Circuit - 5V, 1A Switching Regulator

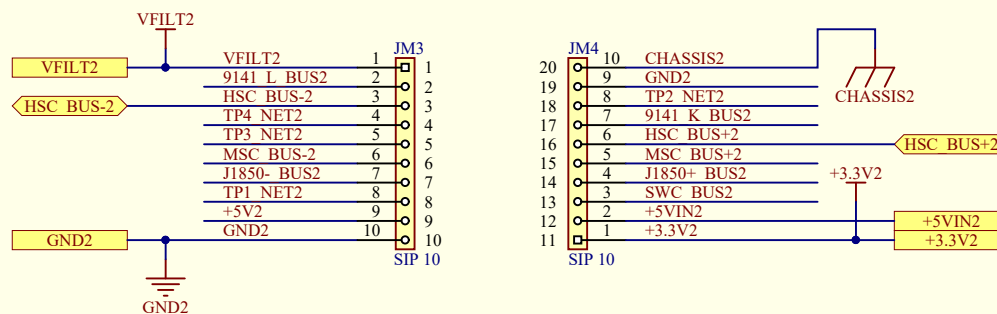
Size: LETTER	Document Number: SCH-01032	Revision: R2	PCB #: PCB-01032 R2
Date: 4/8/2021	Sheet 3 of 7		
File:	Drawn By: RGR	Eng: JS	

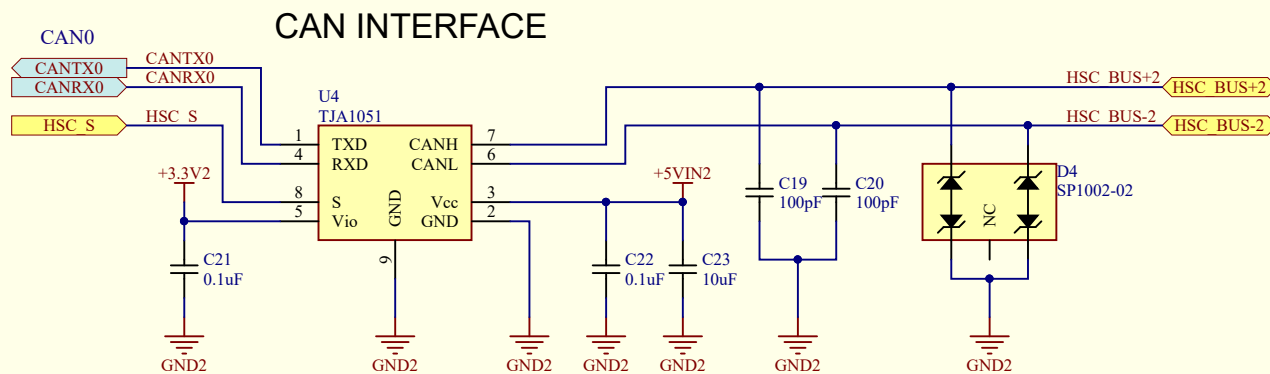
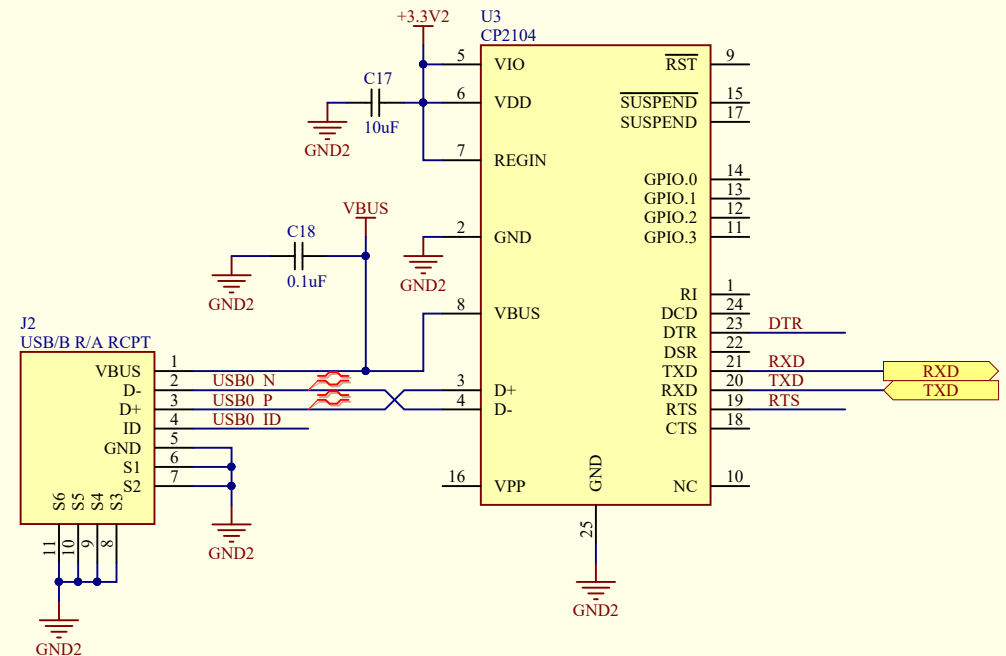
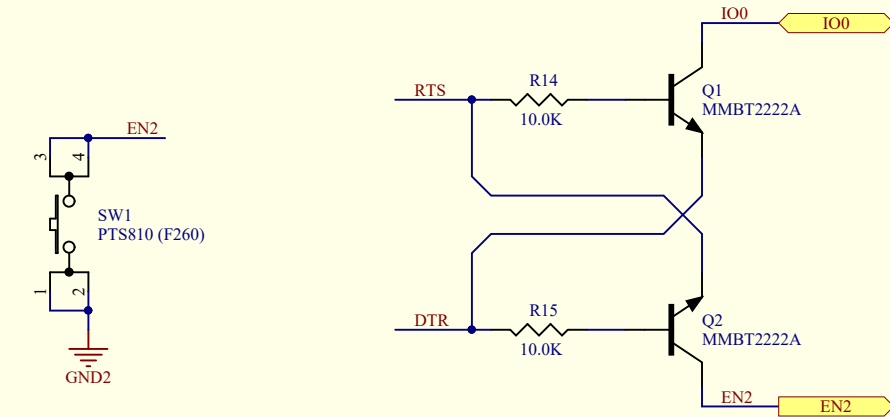
+3.3V 600mA LINEAR REGULATOR



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		Project - Macchina A0 - Interface Board Title: Linear power Supply Circuit - 3.3V 600mA Linear Regulator	
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MAIN BOARD BRIDGE CONNECTORS





CAN INTERFACE



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Project - Macchina A0 - RF Transmitter - ESP32 Board
 Title: USB and Digital Interface Circuit

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Date: 4/8/2021		Sheet 6 of 7	
File:		Drawn By: RGR	Eng: JS

