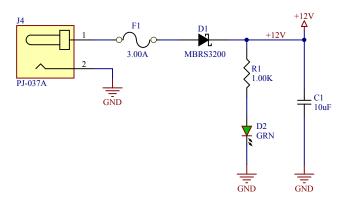
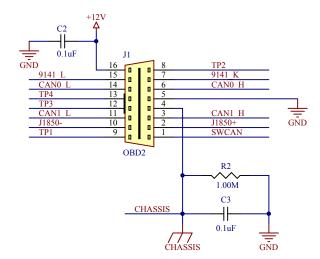
#### Power Input



#### **ODB Input Connector**



#### This Macchina hardware is released under Creative Commons Sharealike 4.0 International.

Note: This is a human-readable summary of (and not a substitute for) the license.

You are free to:

Share — copy and redistribute the material in any medium or format. Adapt — remix, transform, and build upon the material for any purpose, even commercially. The licensor cannot revoke these freedoms as long as you follow the license terms. Under the following terms:

Attribution — You must give appropriate credit, provide a link to the license, and indicate if changes were made. You may do so in any reasonable manner, but not in any way that suggests the licensor endorses you or your use. ShareAlike — If you remix, transform, or build upon the material, you must distribute your contributions under the same license as the original. No additional restrictions — You may not apply legal terms or technological measures that legally restrict others from doing anything the license permits. Notices:

You do not have to comply with the license for elements of the material in the public domain or where your use is permitted by an applicable exception or limitation. No warranties are given. The license may not give you all of the permissions necessary for your intended use. For example, other rights such as publicity, privacy, or moral rights may limit how you use the material.



Macchina LLC. P.O. Box 18701 Minneapolis, MN 55418 612-787-2658

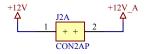
Project - Macchina - OBD2 TEST BOARD Title: INPUTS

Size:	Document Number:	Revision:	PCB #:
LETTER	SCH-01028	R0	PCB-01028 R0

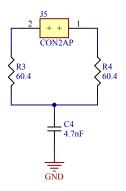
 Date:
 1/14/20
 Sheet 1 of 3

 File:
 SCH-01028 R0.SCHDOC
 Drawn By: RGR
 Eng: JS

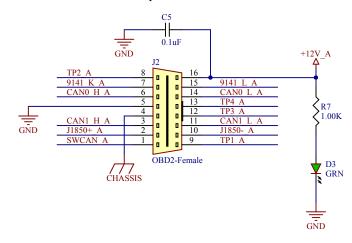
# ODB Main Connections to Output1



Main			Output 1
	J2B		-
TP2 27		28	TP2 A
9141 L 25	+ +	26	9141 L A
9141 K 23	+ +	24	9141 K A
CAN0 L 21	+ +	22	CAN0 L A
CANO H 19	+ +	20	CANO H A
TP4 17	+ +	18	TP4 A
TP3 15	+ +	16	TP3 A
CAN1 L 13	+ +	14	CAN1 L A
CAN1 H 11	+ +	12	CAN1 H A
J1850- 9	+ +	10	J1850A
J1850+ 7	+ +	8	J1850+ A
TP1 5	+ +	6	TP1 A
SWCAN 3	+ +	4	SWCAN A
1	+ +	2	
	CON28	AP	
<del>-</del>			Ŧ
GND			GND



# ODB Output 1 Connector





Macchina LLC. P.O. Box 18701 Minneapolis, MN 55418 612-787-2658

Eng: JS

Project - Macchina - OBD2 TEST BOARD Title: OUTPUT 1

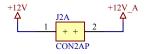
 Size:
 Document Number:
 Revision:
 PCB #:

 LETTER
 SCH-01028
 R0
 PCB-01028 R0

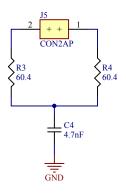
 Date:
 1/14/20
 Sheet 2 of 3

 File:
 SCH-01028 R0.SCHDOC
 Drawn By: RGR

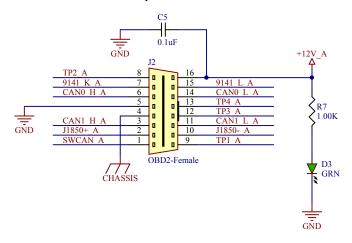
# ODB Main Connections to Output1



Main			Output 1
	J2B		•
TP2 27		28	TP2 A
9141 L 25	+ +	26	9141 L A
9141 K 23	+ +	24	9141 K A
CAN0_L 21	+ +	22	CAN0_L_A
CANO H 19	+ +	20	CAN0 H A
TP4 17	+ +	18	TP4 A
TP3 15	+ +	16	TP3 A
CAN1 L 13	+ +	14	CAN1 L A
CAN1 H 11	+ +	12	CAN1 H A
J1850- 9	+ +	10	J1850A
J1850+ 7	+ +	8	J1850+ A
TP1 5	+ +	6	TP1 A
SWCAN 3	+ +	4	SWCAN A
1	+ +	2	
	CON28	AP	
=			Ŧ
GND			GND



# ODB Output 1 Connector





Macchina LLC. P.O. Box 18701 Minneapolis, MN 55418 612-787-2658

Project - Macchina - OBD2 TEST BOARD Title: OUTPUT 2

Size:	Document Number:	Revisio	on:	PCB #:
LETTER	SCH-01028	R0		PCB-01028 R0

 Date:
 1/14/20
 Sheet 3 of 3

 File:
 SCH-01028 R0.SCHDOC
 Drawn By: RGR
 Eng: JS