+3V3
+5V
+12V

X-408
+5V_FUSED
REAR_SUSP
5
4   6
3   7
2   8
1
GND
SHIELD

X-409
+5V_FUSED
REAR_BRK_PRES
5
4   6
3   7
2   8
1
GND
SHIELD

REAR_BRK_PRES_MCN
REAR_SUSP_MCN

12V_SHUNT
HV_SHUNT
SHIELD

DC_DC_TEMP
SPARE1_5V_MCN

20
10
X-517
11
1
SPARE2_3V
SPARE3_3V
GND
REAR_WSS_MCN
FRAME_FAULT

X-410
+5V_FUSED
REAR_WSS
5
4   6
3   7
2   8
1
GND
SHIELD

SPARE1_5V
SPARE2_3V
SPARE3_3V
+5V_FUSED

+3V3_FUSED
X-413
5
4   6
3   7
2   8
1
GND
SHIELD

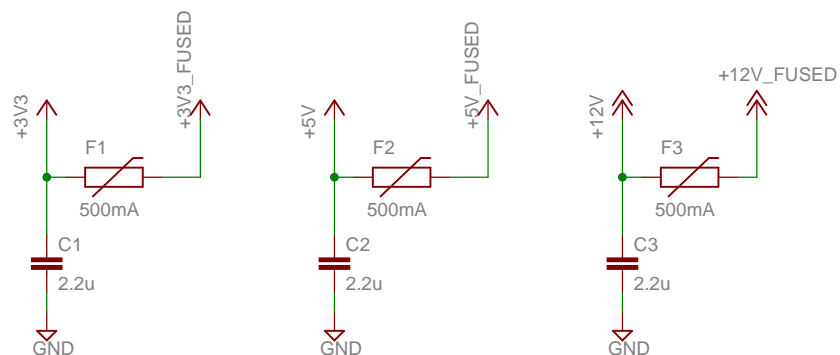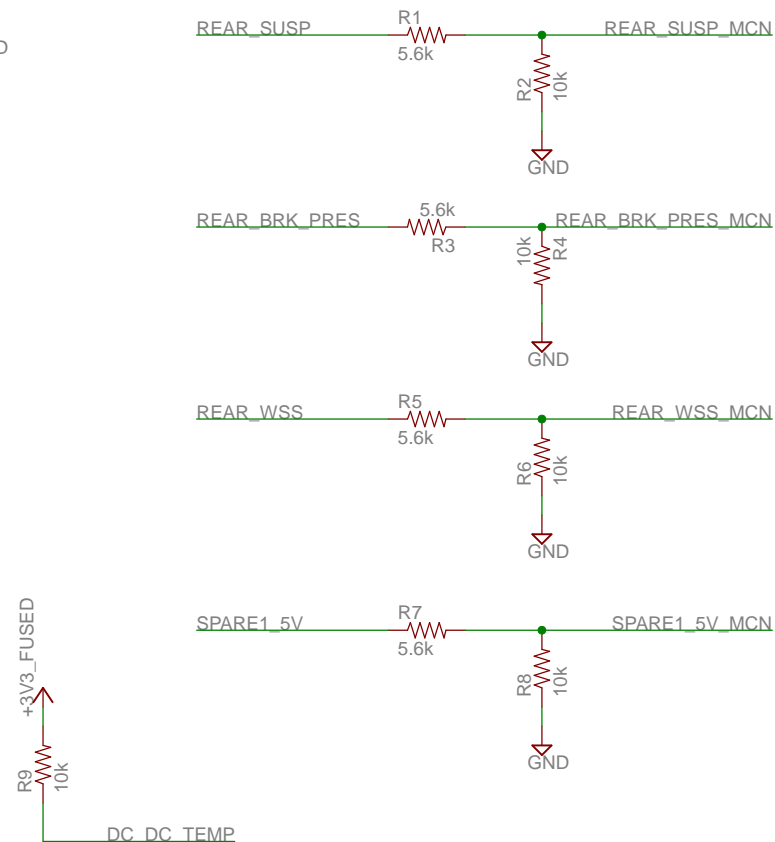FRAME_FAULT
+12V_FUSED
X-336
GND
GND

DC_DC_TEMP
GND
X-337
12V_SHUNT
HV_SHUNT

Board: Rear MCN Breakout   Version 1.0
Drawn by   Victor Brechbill
Revision date: 01/05/15
Last modified date: not saved!

+3V3

+3V3_FUSED

F1

500mA

C1

2.2u

GND

+5V

+5V_FUSED

F2

500mA

C2

2.2u

GND

+12V

+12V_FUSED

F3

500mA

C3

2.2u

GND

REAR_SUSP — R1 5.6k — REAR_SUSP_MCN

R2 10k

GND

REAR_BRK_PRES — 5.6k R3 — REAR_BRK_PRES_MCN

10k R4

GND

REAR_WSS — R5 5.6k — REAR_WSS_MCN

R6 10k

GND

SPARE1_5V — R7 5.6k — SPARE1_5V_MCN

R8 10k

GND

+3V3_FUSED

R9 10k

DC_DC_TEMP

MCN Signal Routing

REAR_SUSP	AIN-1
REAR_BRK_PRES	AIN-2
12V_SHUNT	AIN-3
HV_SHUNT	AIN-4
DC_DC_TEMP	AIN-5
SPARE1_5V	AIN-6
SPARE2_3V	AIN-7
SPARE3_3V	AIN-8
REAR_WSS	GP0
FRAME_FAULT	GP1

Board: Rear MCN Breakout   Version 1.0
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Last modified date: not saved!