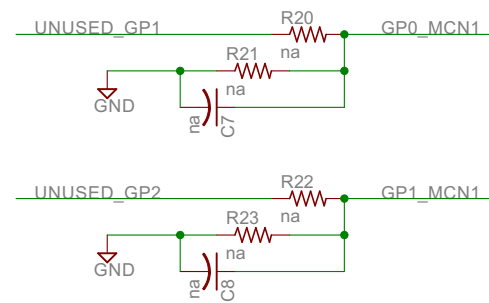
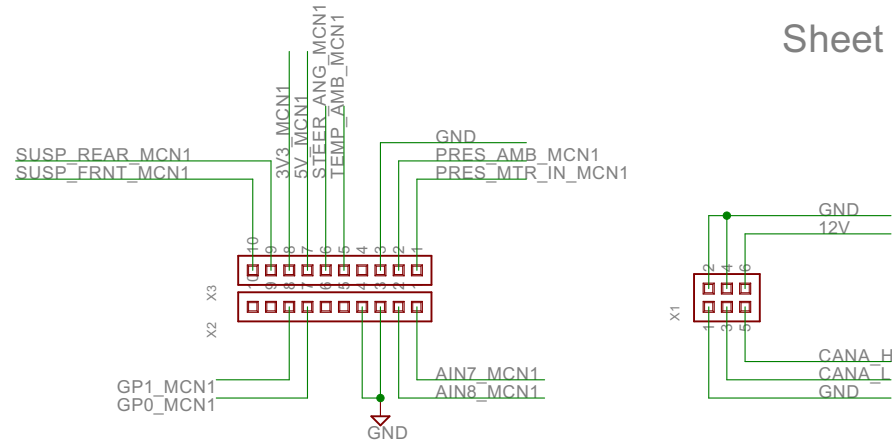
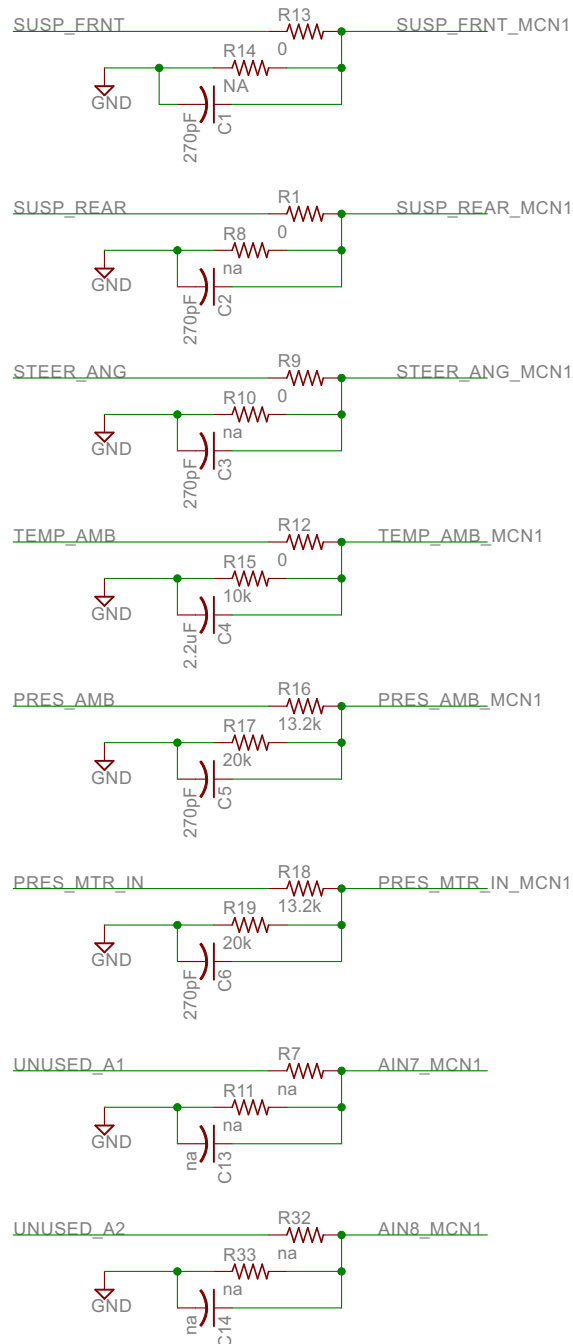


MCN1

Sheet 1/8



Board: Sensor Breakout Board

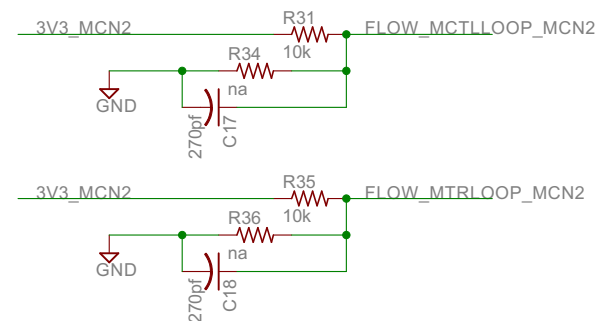
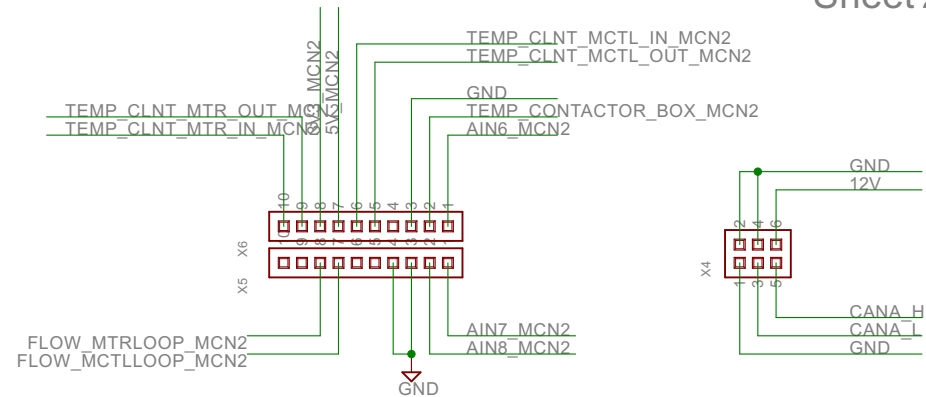
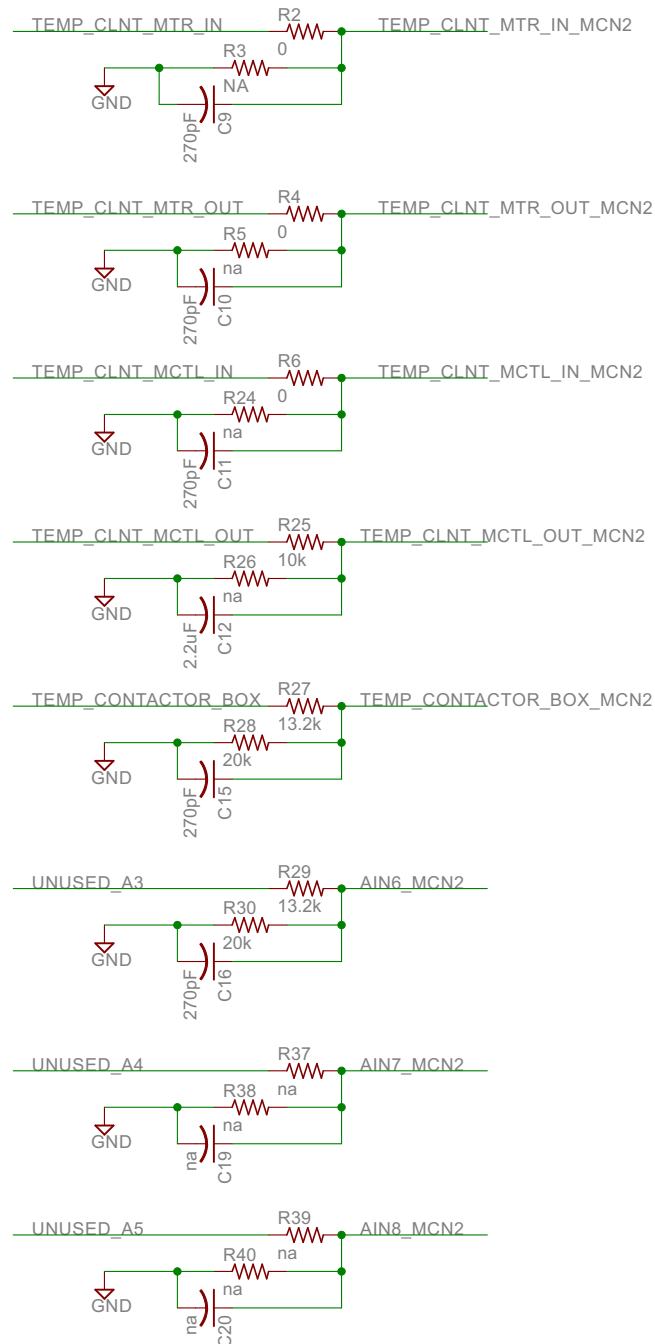
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MCN2

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Board: Sensor Breakout Board

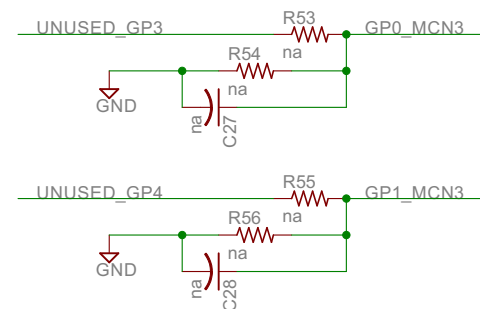
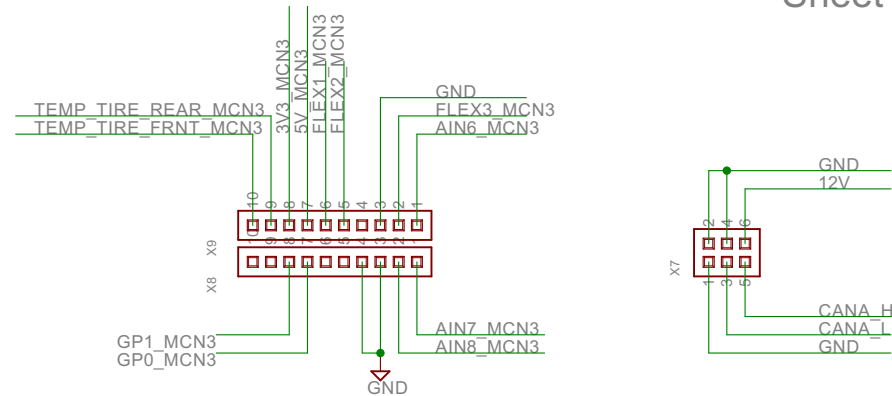
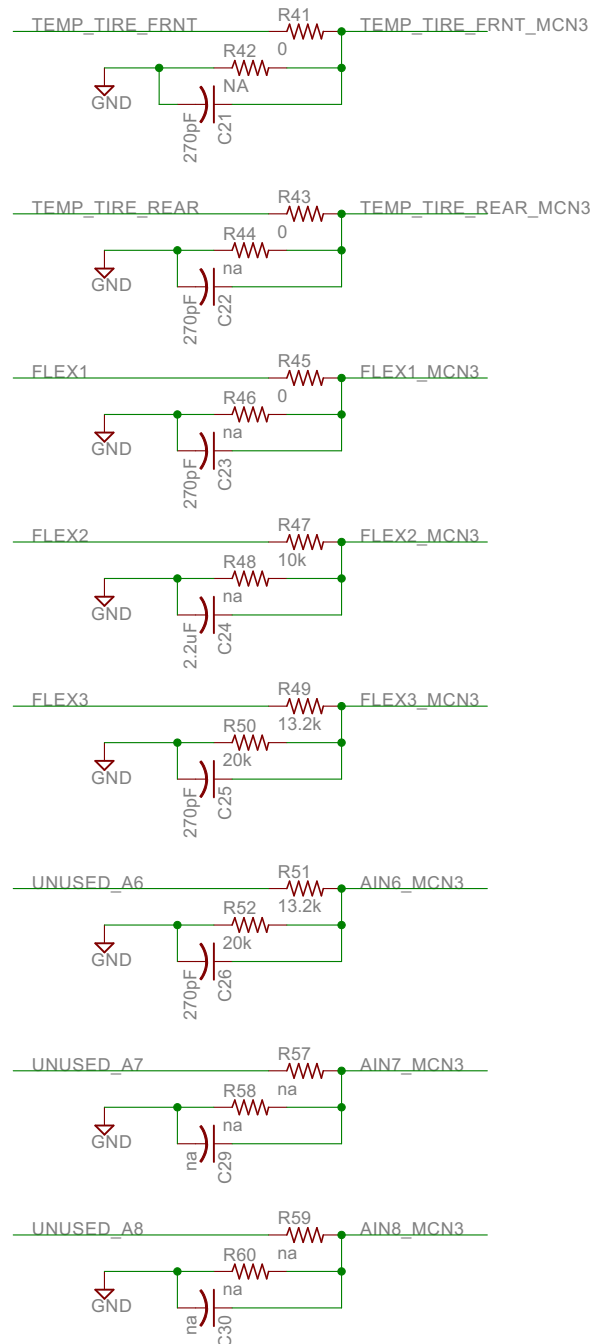
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MCN3

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Board: Sensor Breakout Board

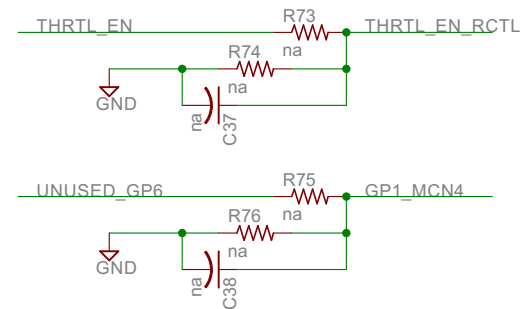
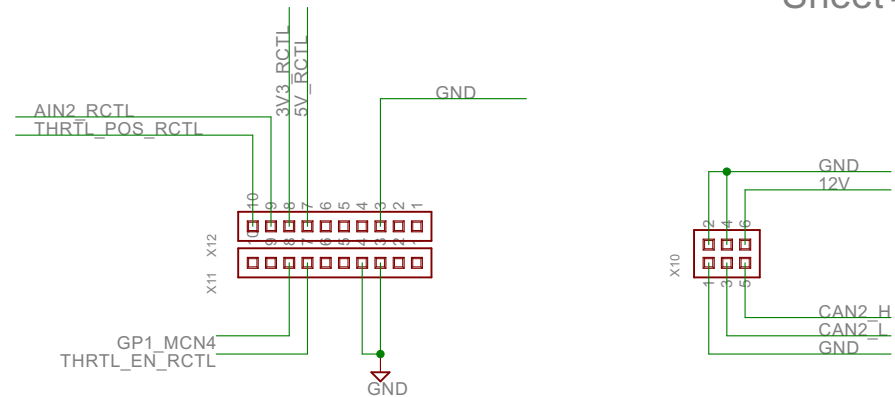
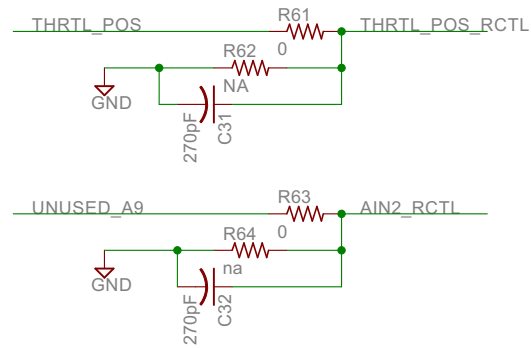
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Rider Control MCN

Sheet 4/8



Board: Sensor Breakout Board

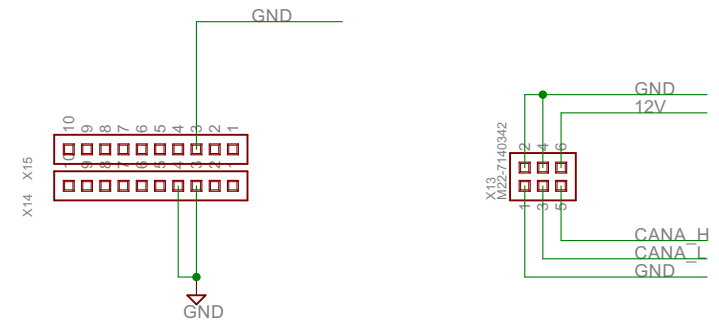
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GPS MCN

Sheet 5/8



Board: Sensor Breakout Board

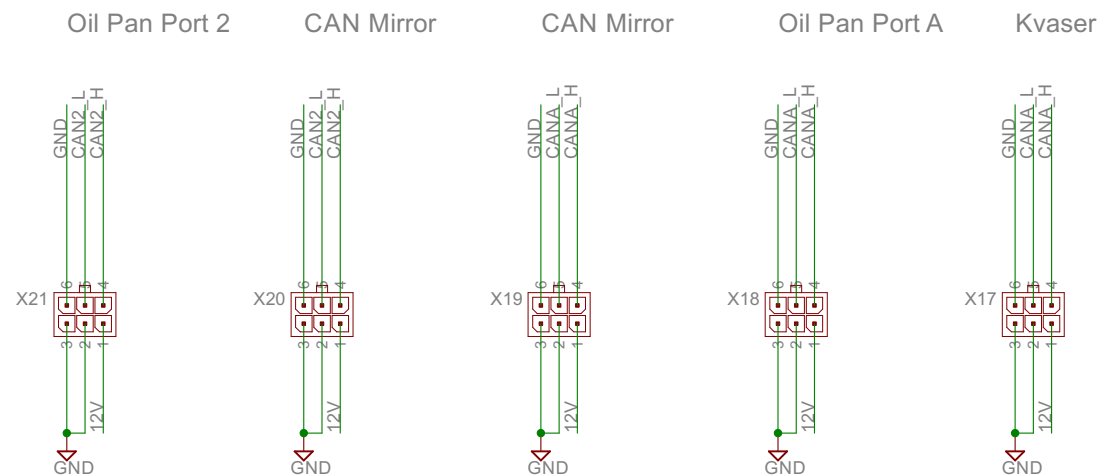
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CAN Backplane

Sheet 6/8



Board: Sensor Breakout Board

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Big Plug

Sheet 7/8

MCN1

UNUSED_GP2	PAD1
UNUSED_GP1	PAD2
UNUSED_A2	PAD3
UNUSED_A1	PAD4
SUSP_FRNT	PAD5
SUSP_REAR	PAD6
3V3_MCN1	PAD7
5V_MCN1	PAD8
TEMP_AMB	PAD9
STEER_ANG	PAD10
PRES_AMB	PAD11
PRES_MTR_IN	PAD12

MCN2

FLOW_MTRLOOP_MCN2	PAD13
FLOW_MCTLLOOP_MCN2	PAD14
UNUSED_A5	PAD15
UNUSED_A4	PAD16
TEMP_CLNT_MTR_IN	PAD17
TEMP_CLNT_MTR_OUT	PAD18
3V3_MCN2	PAD19
5V_MCN2	PAD20
TEMP_CLNT_MCTL_OUT	PAD21
TEMP_CLNT_MCTL_IN	PAD22
TEMP_CONTACTOR_BOX	PAD23
UNUSED_A3	PAD24

CANA_H	PAD45
CANA_L	PAD47

CAN2_L	PAD44
CAN2_H	PAD46

12V	PAD49
	PAD51
	PAD53
	PAD55
	PAD57
	PAD59

GND	PAD48
	PAD50
	PAD52
	PAD54
	PAD56
	PAD58

MCN3

UNUSED_GP4	PAD25
UNUSED_GP3	PAD26
UNUSED_A8	PAD27
UNUSED_A7	PAD28
TEMP_TIRE_FRNT	PAD29
TEMP_TIRE_REAR	PAD30
3V3_MCN3	PAD31
5V_MCN3	PAD32
FLEX2	PAD33
FLEX1	PAD34
FLEX3	PAD35
UNUSED_A6	PAD36

RCTL

UNUSED_GP6	PAD37
THRTL_EN	PAD38
THRTL_POS	PAD39
UNUSED_A9	PAD40
3V3_RCTL	PAD41
5V_RCTL	PAD42

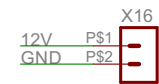


Board: Sensor Breakout Board

Drawn by Clayton Greenbaum

Revision date:

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Board:
Drawn by
Revision date:
Last modified date: 1/31/2016 10:07:08 PM