Frankenstein
www.rusefi.com

Sheet: frankenstein_foundation

File: frankenstein_foundation.sch

Sheet: adc_amp_divider

File: adc_amp_divider.sch

Sheet: inj_12ch

File: inj_12ch.sch

Sheet: cps_vrs_io_1

File: cps_vrs_io_1.sch

Sheet: hi-lo

File: hi-lo.sch

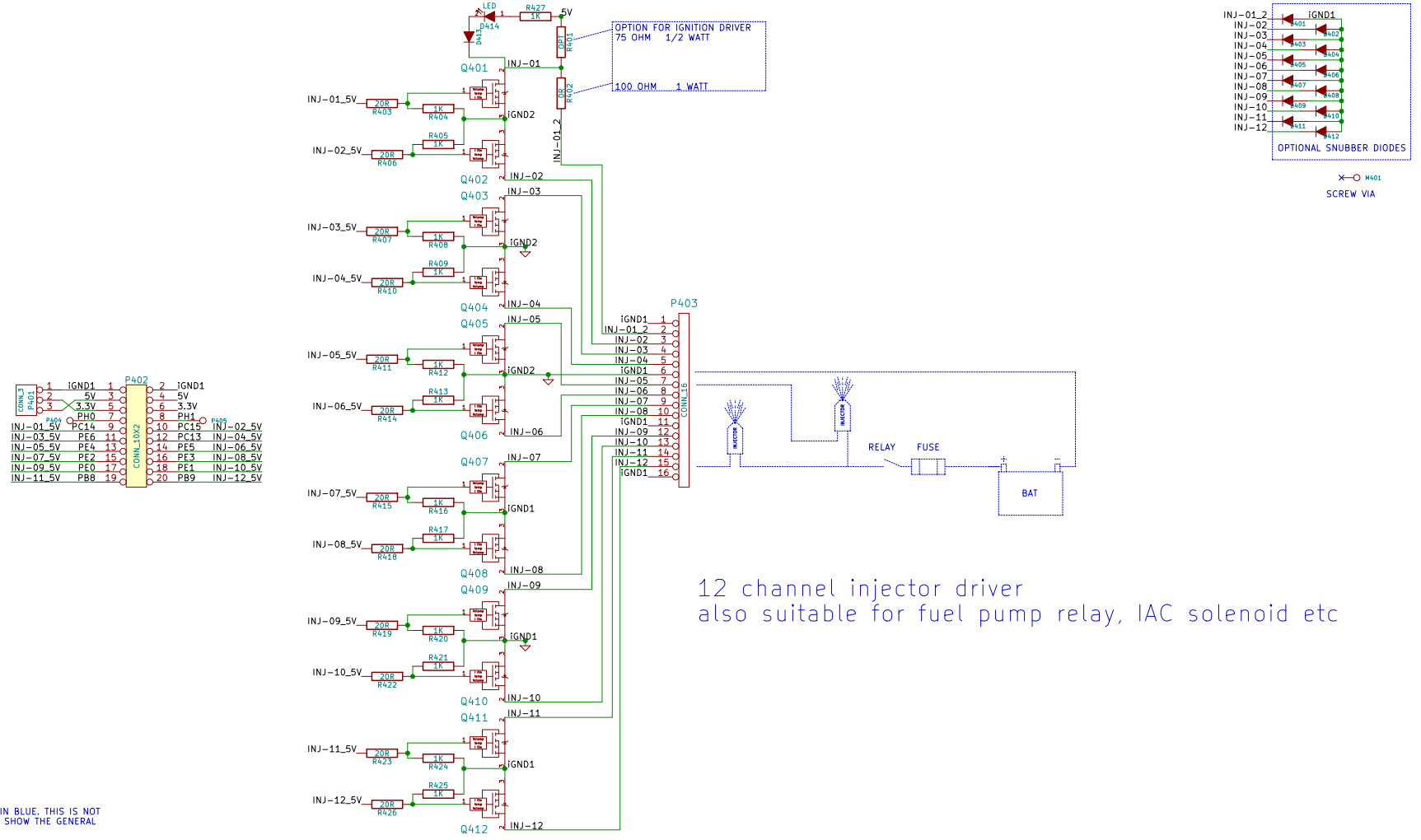
Sheet: can_brd_1

File: can_brd_1.sch

Sheet: mmc_usb_1

File: mmc_usb_1.sch

rusEFI.com		
Sheet: /		
File: frankenstein.sch		
Title:		
Size: A	Date: 2017-12-27	**Rev: R0.1.2**
KiCad E.D.A. kicad 4.0.5		Id: 1/8



MISC NOTES

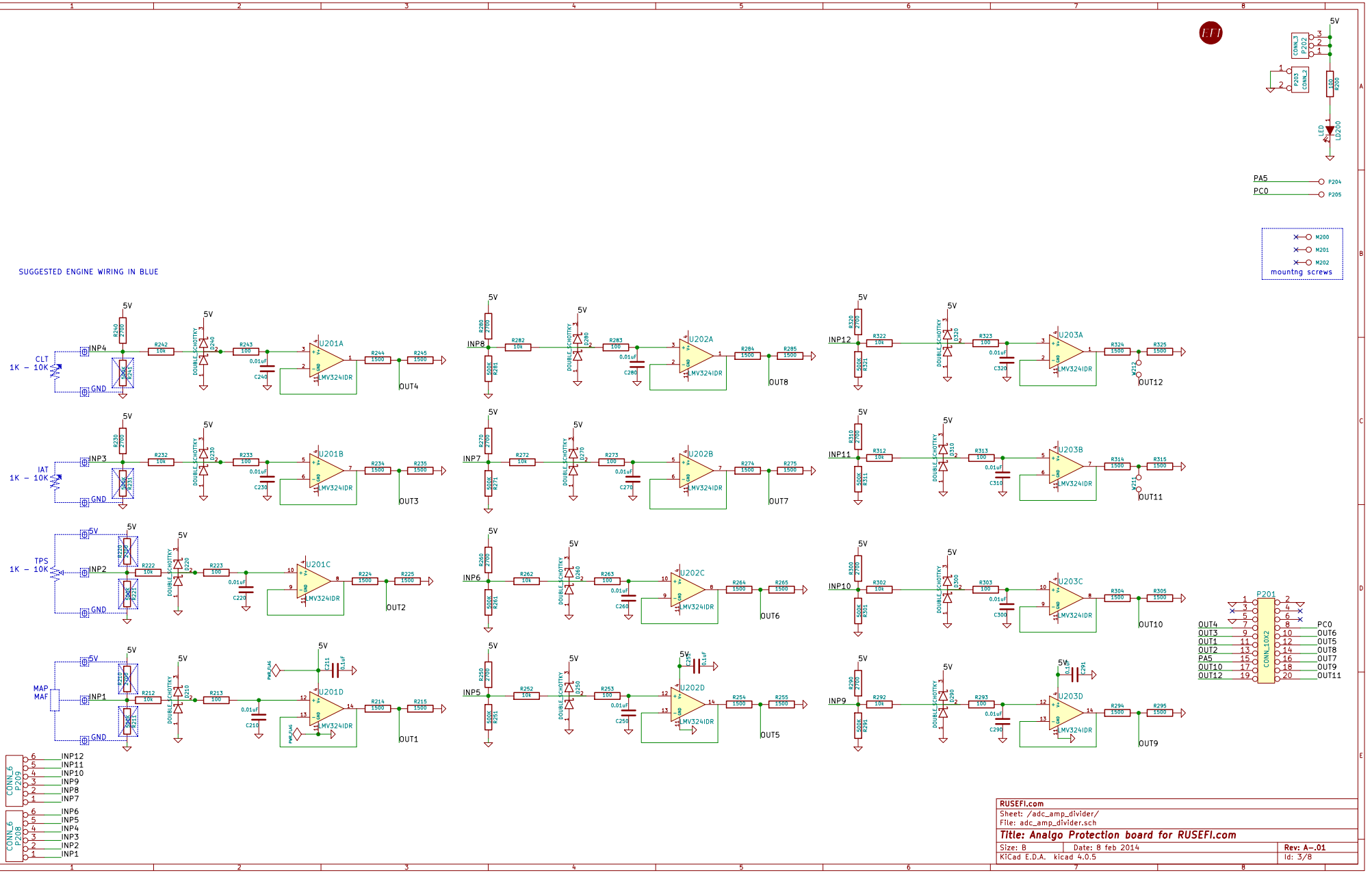
THE GENERAL SYSTEM LAYOUT IS SHOWN IN BLUE. THIS IS NOT THE SUGGESTED SYSTEM WIRING, IT DOES SHOW THE GENERAL OVERALL CIRCUIT LAYOUT TOPOLOGY.

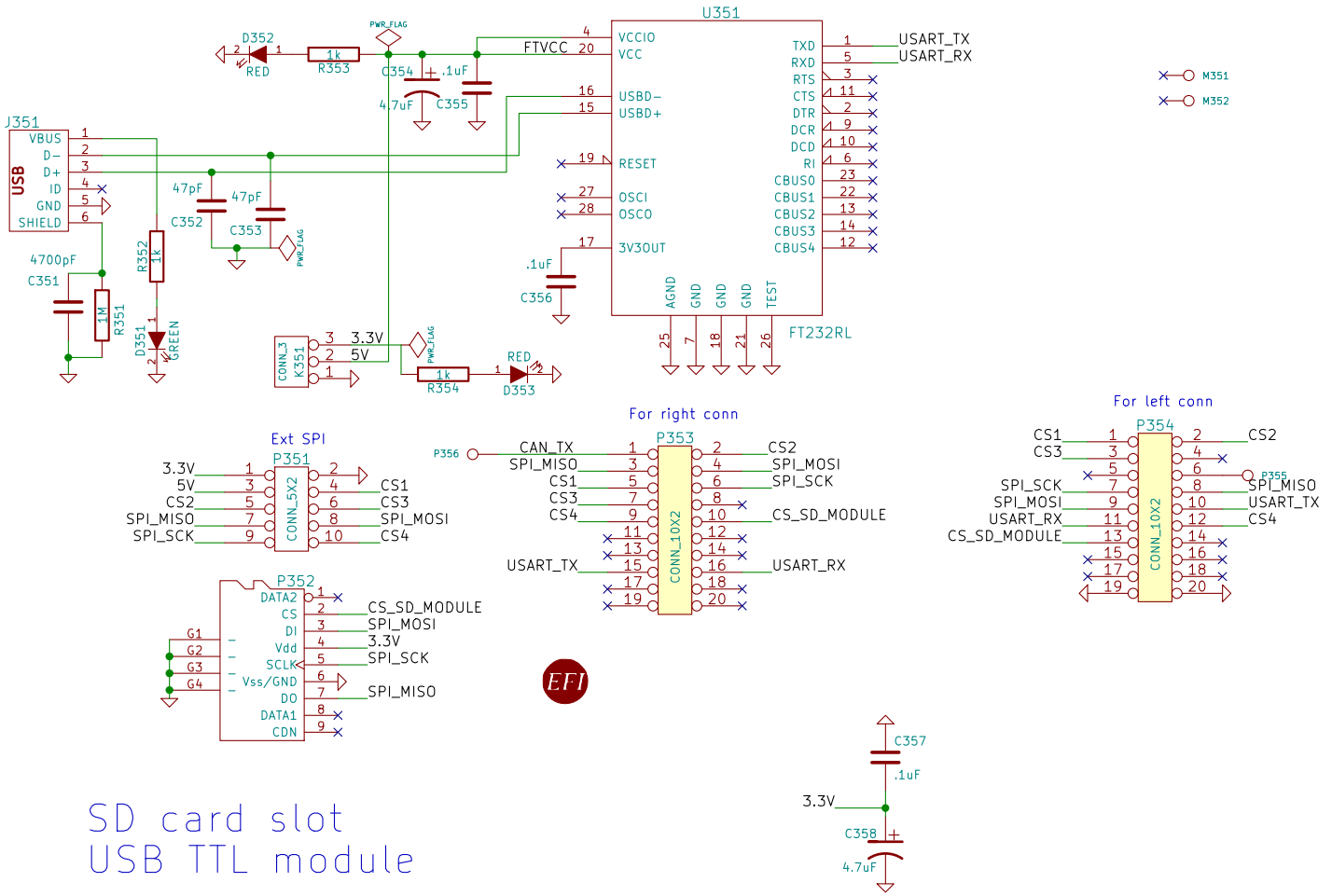
THE PCB WIRING IS SHOWN IN RED, GREEN WITH A BLUE BUS.

Screw terminals 1760500000

Screw connector PCB http://octopart.com/39522-1007-molex-655409
Screw connector harness http://octopart.com/partsearch#search/requestData&q=39520-0007

http://code.google.com/p/daecu/	
Sheet: /inj_12ch/	
File: inj_12ch.sch	
Title: 12 Channel Injector	
Size: B	Date: 8 feb 2014
KiCad E.D.A. kicad 4.0.5	Id: 2/8
	Rev: A-1

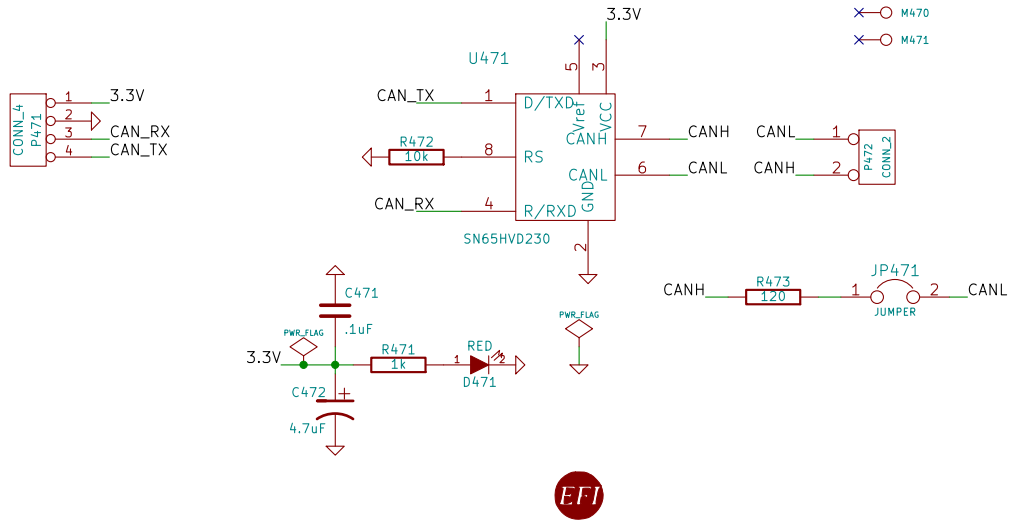

SUGGESTED ENGINE WIRING IN BLUE
CLT
1K – 10K
IAT
1K – 10K
TPS
1K – 10K
MAP
MAF
GND
5V
INP4
INP3
INP2
INP1
INP8
INP7
INP6
INP5
INP12
INP11
INP10
INP9
U201A
U201B
U201C
U201D
U202A
U202B
U202C
U202D
U203A
U203B
U203C
U203D
MV3241IDR
DOUBLE_SCHOTTKY
0.01uF
OUT4
OUT3
OUT2
OUT1
OUT8
OUT7
OUT6
OUT5
OUT12
OUT11
OUT10
OUT9
PWR_FLAG
CONN_6
P209
P208
CONN_10X2
P201
PA5
PC0
P204
P205
M200
M201
M202
mountng screws
LED
LD200
RUSEFI.com
Sheet: /adc_amp_divider/
File: adc_amp_divider.sch
Title: Analgo Protection board for RUSEFI.com
Size: B
Date: 8 feb 2014
KiCad E.D.A. kicad 4.0.5
Rev: A-.01
Id: 3/8



SD card slot
USB TTL module

Art_Electro
Art_Electro
Art_Electro

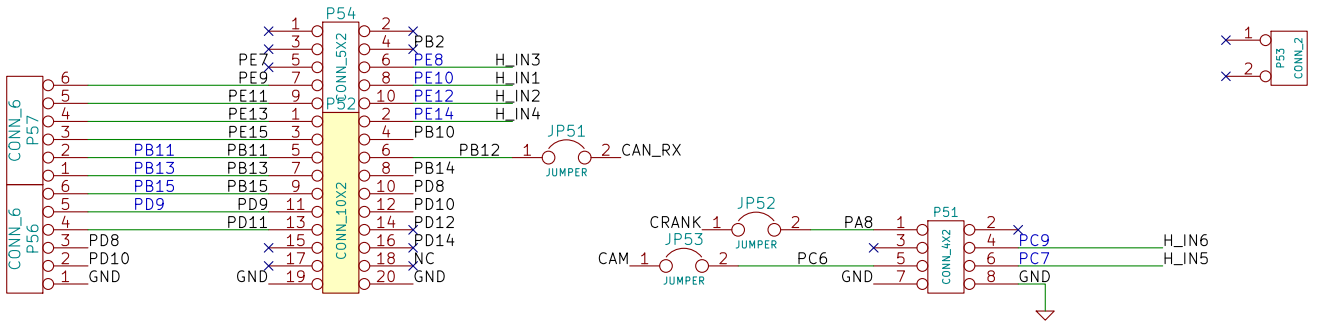
Sheet: /mmc_usb_1/		
File: mmc_usb_1.sch		
Title:		
Size: A4	Date: 8 feb 2014	**Rev:**
KiCad E.D.A. kicad 4.0.5		Id: 4/8



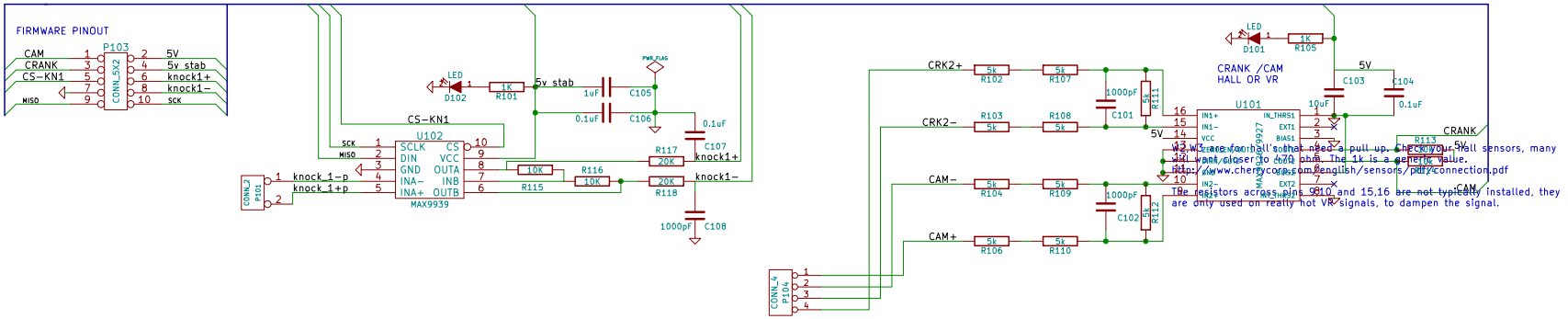
CAN level shifter

Art_Electro
Art_Electro
Art_Electro

Sheet: /can_brd_1/ File: can_brd_1.sch		
Title:		
Size: A4	Date: 8 feb 2014	**Rev:**
KiCad E.D.A. kicad 4.0.5		Id: 5/8



Sheet: /frankenstein_foundation/		
File: frankenstein_foundation.sch		
Title:		
Size: A4	Date: 8 feb 2014	**Rev:**
KiCad E.D.A. kicad 4.0.5		Id: 6/8



Art_Electro
Art_Electro
Art_Electro
cps_vrs_io_1

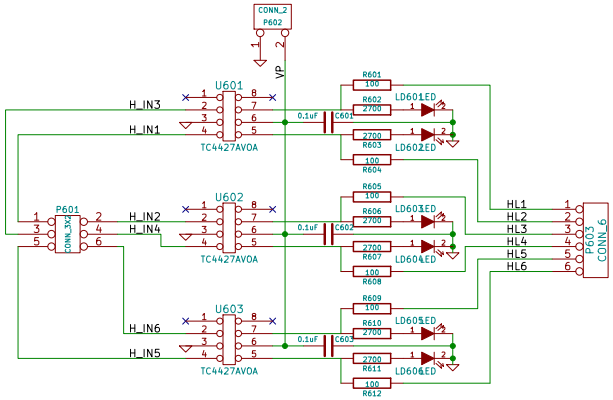
based on http://code.google.com/p/daecu/

Sheet: /cps_vrs_io_1/
File: cps_vrs_io_1.sch

Title: cps_vrs_io_1

Size: B	Date: 8 feb 2014	Rev:
KiCad E.D.A. kicad 4.0.5		Id: 7/8

6 channel high-side driver



RUSEFI.com		
Sheet: /hi-lo/		
File: hi-lo.sch		
Title: High or Low side driver board for RUSEFI.com		
Size: B	Date: 8 feb 2014	**Rev: A-.01**
KiCad E.D.A. kicad 4.0.5		Id: 8/8