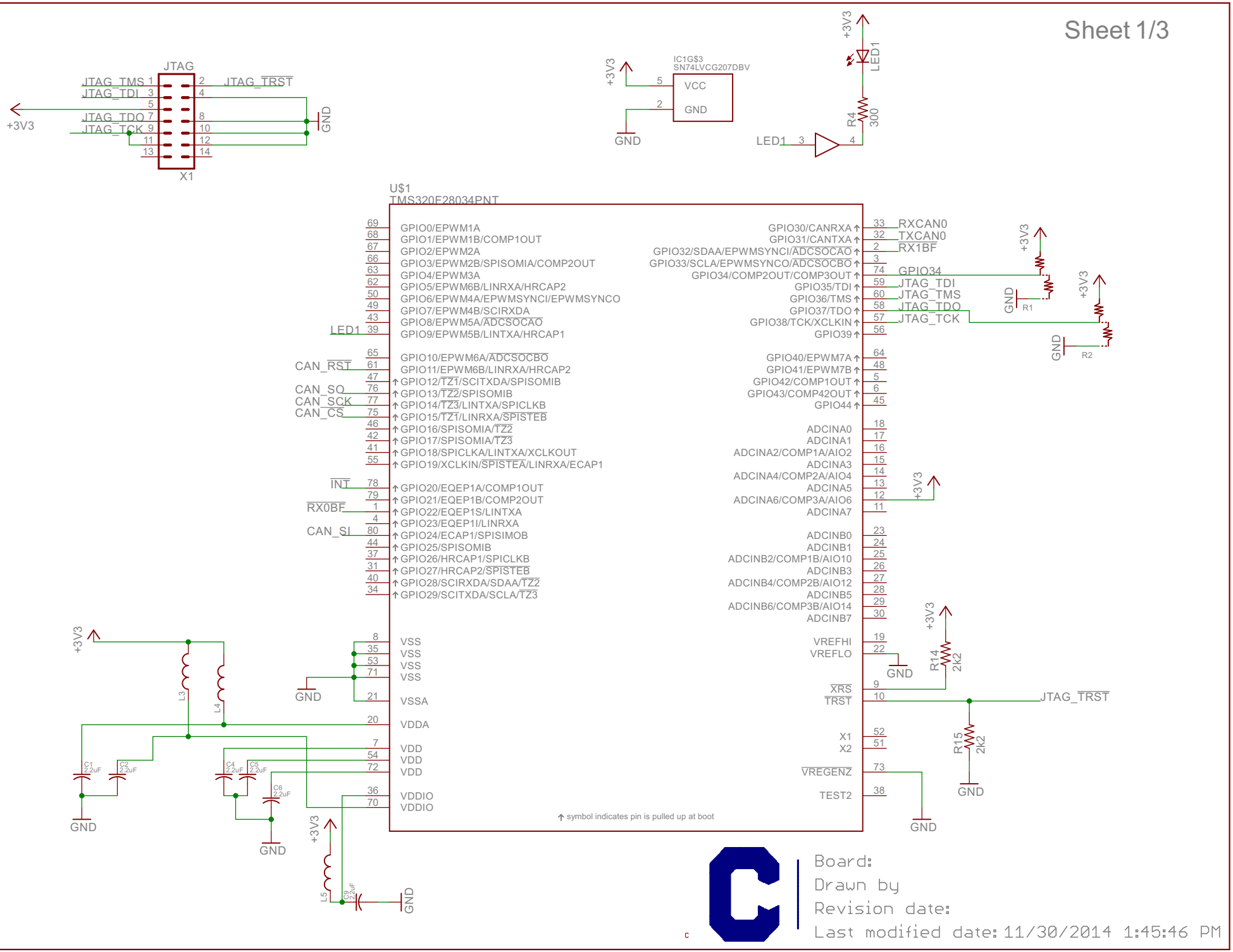
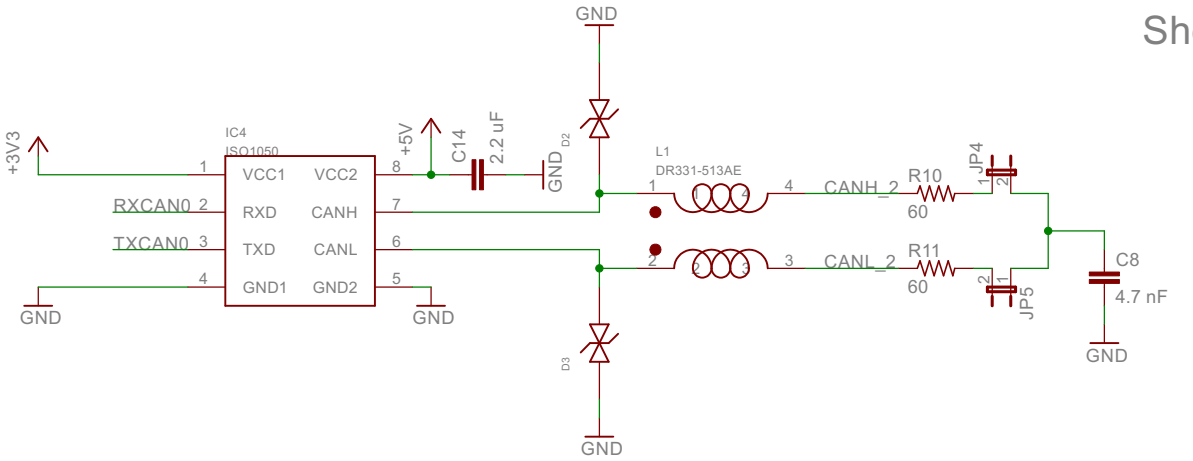
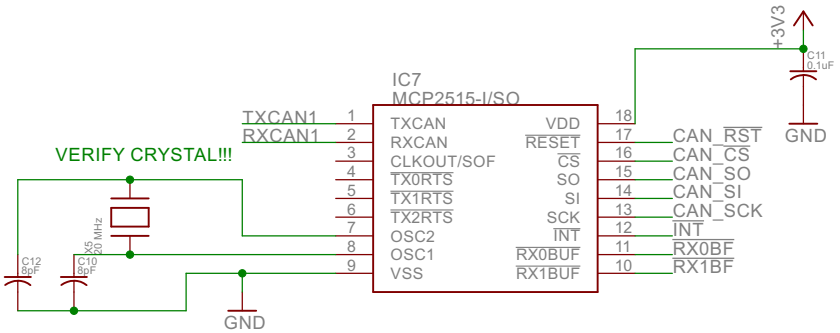
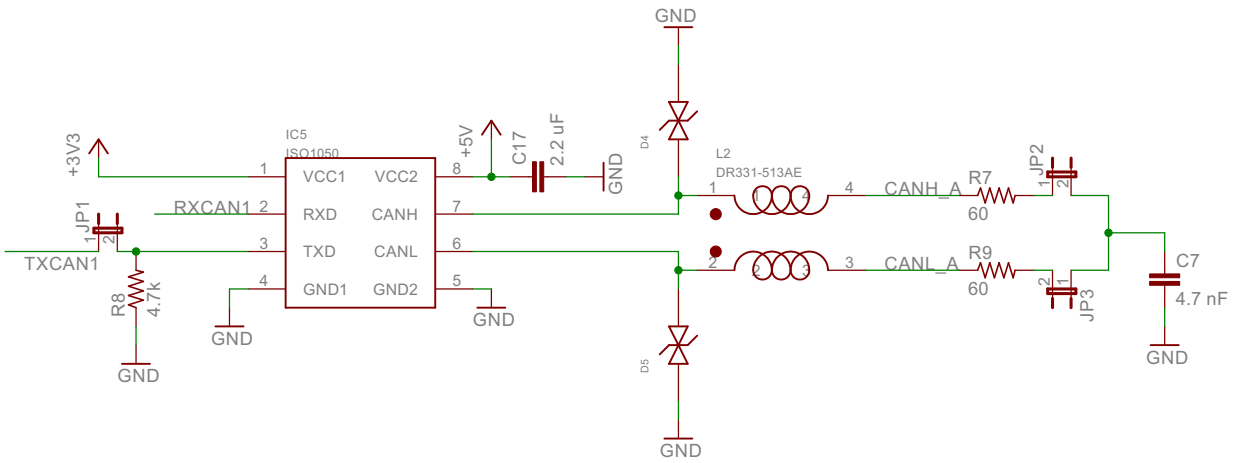

Sheet 1/3
JTAG
JTAG_TMS
JTAG_TDI
JTAG_TDO
JTAG_TCK
JTAG_TRST
+3V3
GND
X1
IC1G$3
SN74LVCG207DBV
VCC
GND
LED1
R4
300
U$1
TMS320F28034PNT
GPIO0/EPWM1A
GPIO1/EPWM1B/COMP1OUT
GPIO2/EPWM2A
GPIO3/EPWM2B/SPISOMIA/COMP2OUT
GPIO4/EPWM3A
GPIO5/EPWM6B/LINRXA/HRCAP2
GPIO6/EPWM4A/EPWMSYNCI/EPWMSYNCO
GPIO7/EPWM4B/SCIRXDA
GPIO8/EPWM5A/ADCSOCAO
GPIO9/EPWM5B/LINTXA/HRCAP1
GPIO10/EPWM6A/ADCSOCBO
GPIO11/EPWM6B/LINRXA/HRCAP2
GPIO12/TZ1/SCITXDA/SPISOMIB
GPIO13/TZ2/SPISOMIB
GPIO14/TZ3/LINTXA/SPICLKB
GPIO15/TZ1/LINRXA/SPISTEB
GPIO16/SPISOMIA/TZ2
GPIO17/SPISOMIA/TZ3
GPIO18/SPICLKA/LINTXA/XCLKOUT
GPIO19/XCLKIN/SPISTEA/LINRXA/ECAP1
GPIO20/EQEP1A/COMP1OUT
GPIO21/EQEP1B/COMP2OUT
GPIO22/EQEP1S/LINTXA
GPIO23/EQEP1I/LINRXA
GPIO24/ECAP1/SPISIMOB
GPIO25/SPISOMIB
GPIO26/HRCAP1/SPICLKB
GPIO27/HRCAP2/SPISTEB
GPIO28/SCIRXDA/SDAA/TZ2
GPIO29/SCITXDA/SCLA/TZ3
GPIO30/CANRXA
GPIO31/CANTXA
GPIO32/SDAA/EPWMSYNCI/ADCSOCAO
GPIO33/SCLA/EPWMSYNCO/ADCSOCBO
GPIO34/COMP2OUT/COMP3OUT
GPIO35/TDI
GPIO36/TMS
GPIO37/TDO
GPIO38/TCK/XCLKIN
GPIO39
GPIO40/EPWM7A
GPIO41/EPWM7B
GPIO42/COMP1OUT
GPIO43/COMP42OUT
GPIO44
ADCINA0
ADCINA1
ADCINA2/COMP1A/AIO2
ADCINA3
ADCINA4/COMP2A/AIO4
ADCINA5
ADCINA6/COMP3A/AIO6
ADCINA7
ADCINB0
ADCINB1
ADCINB2/COMP1B/AIO10
ADCINB3
ADCINB4/COMP2B/AIO12
ADCINB5
ADCINB6/COMP3B/AIO14
ADCINB7
VREFHI
VREFLO
XRS
TRST
X1
X2
VREGENZ
TEST2
VSS
VSSA
VDDA
VDD
VDDIO
↑ symbol indicates pin is pulled up at boot
LED1
CAN_RST
CAN_SO
CAN_SCK
CAN_CS
INT
RX0BF
CAN_SI
RXCAN0
TXCAN0
RX1BF
R1
R2
R14
2k2
R15
2k2
L3
L4
L5
C1
2.2uF
C2
2.2uF
C4
2.2uF
C5
2.2uF
C6
2.2uF
C9
2.2uF
Board:
Drawn by
Revision date:
Last modified date: 11/30/2014 1:45:46 PM

DONT FORGET CAN TERMINATION!!!!

DONT FORGET CAN DIODES AND CM CHOKE!!!







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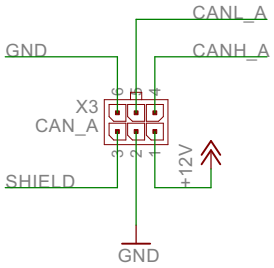

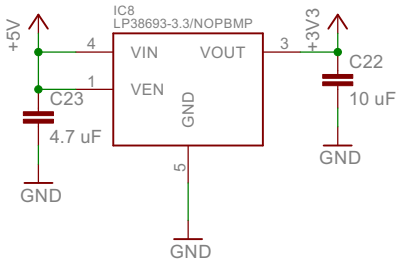

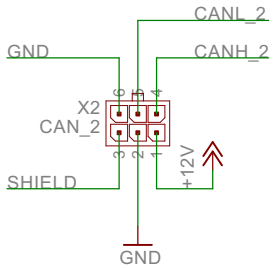

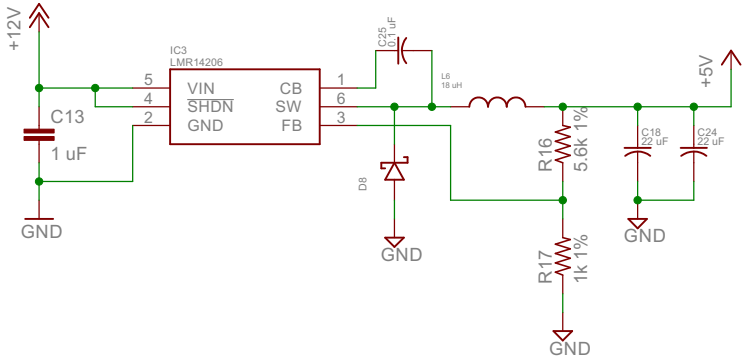

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