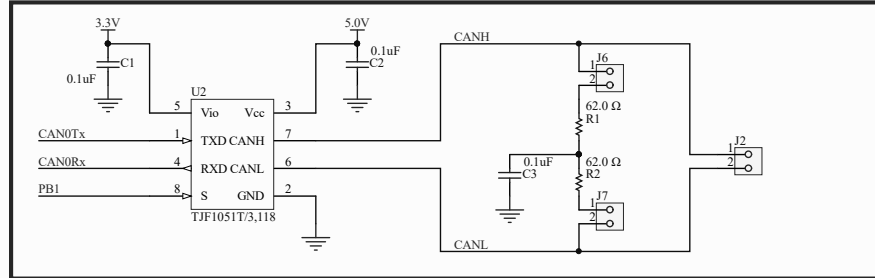
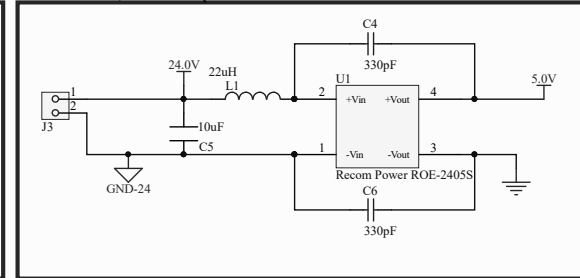


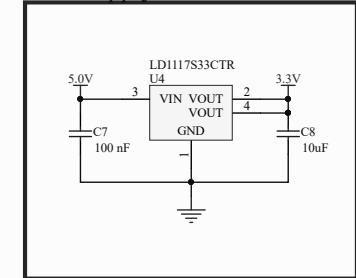
CAN Tranciever



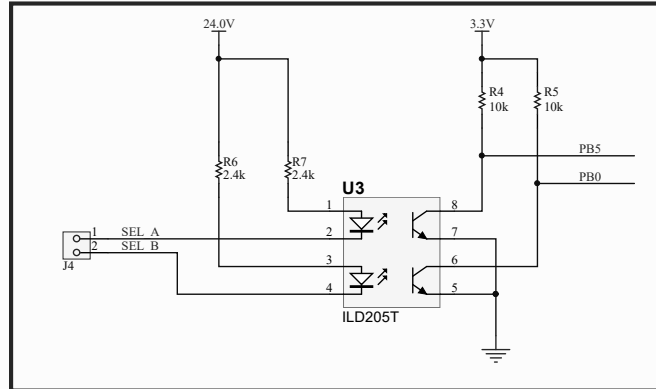
5V Power, 24V Input



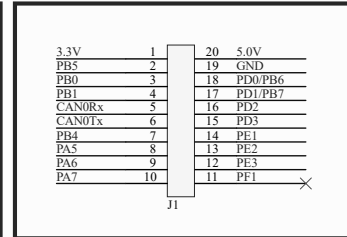
3.3V Supply



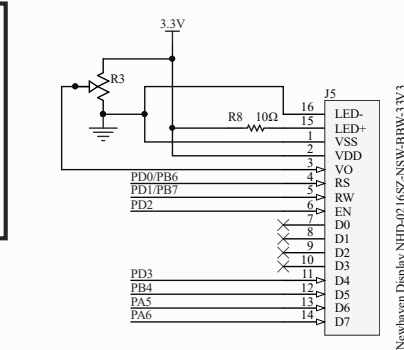
PLC Interface



Tiva I/O Connector



LCD Interface & Buttons



Title Tiva board CAN and PLC interface for C4 Line		
Size B	Number	Revision Rev 1.0
Date: 2/11/2019	Sheet 1 of 1	
File: Sheet1.SchDoc	Drawn By: Miller	

J1 Connector on
other-side

J1

Tiva-CAN-PLC Interface
Needle-Press Rev 2.0

C8

U4

C7

R3

R8

J5

C2

U2

C1

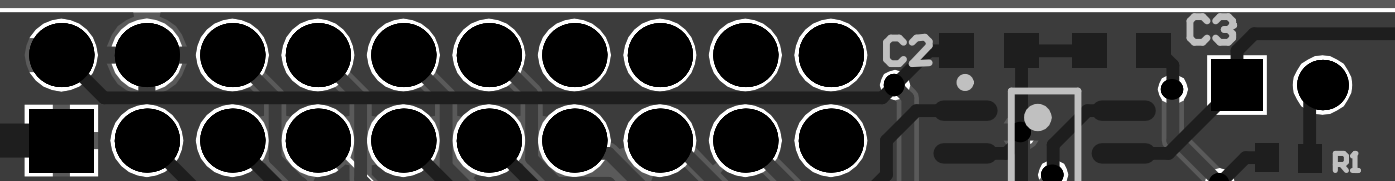
C3

R1

R2

R5

R4



Design Rules Verification Report

Filename : C:\ProgramData\Altium\CircuitMaker {D06E35AA-6EB7-4BE2-B99B-267D8A144A33}\Projects\E5E36FD3-2CD8-4D85-81A3-8F768E1EFB3F\17e26eb-48d5-4821-a38c-d19c925f11d0\PCB1.CMPcbDoc

Warnings 0
Rule Violations 0

Warnings	
Total	0

Rule Violations	
Net Antennae (Tolerance=0mil) (All)	0
Clearance Constraint (Gap=5mil) (All),(All)	0
Width Constraint (Min=10mil) (Max=40mil) (Preferred=15mil) (All)	0
Power Plane Connect Rule(Relief Connect)(Expansion=20mil) (Conductor Width=10mil) (Air Gap=10mil) (Entries=4,	0
Short-Circuit Constraint (Allowed=No) (All),(All)	0
Un-Routed Net Constraint ((All))	0
Hole Size Constraint (Min=8mil) (Max=100mil) (All)	0
Height Constraint (Min=0mil) (Max=1000mil) (Preferred=500mil) (All)	0
Hole To Hole Clearance (Gap=10mil) (All),(All)	0
Minimum Solder Mask Sliver (Gap=0.5mil) (All),(All)	0
Silk To Solder Mask (Clearance=0mil) (IsPad),(All)	0
Silk to Silk (Clearance=1mil) (All),(All)	0
Silk primitive without silk layer	0
Unpoured Polygon (Allow unpoured: False)	0
Total	0

Electrical Rules Check Report

Class	Document	Message
Warning	Sheet1.SchDoc	Net CAN0TX has no driving source (Pin J1-6,Pin U2-1)
Warning	Sheet1.SchDoc	Net NetJ5_3 has no driving source (Pin J5-3,Pin R3-3)
Warning	Sheet1.SchDoc	Net PA5 has no driving source (Pin J1-8,Pin J5-13)
Warning	Sheet1.SchDoc	Net PA6 has no driving source (Pin J1-9,Pin J5-14)
Warning	Sheet1.SchDoc	Net PB1 has no driving source (Pin J1-4,Pin U2-8)
Warning	Sheet1.SchDoc	Net PB4 has no driving source (Pin J1-7,Pin J5-12)
Warning	Sheet1.SchDoc	Net PD0/PB6 has no driving source (Pin J1-18,Pin J5-4)
Warning	Sheet1.SchDoc	Net PD1/PB7 has no driving source (Pin J1-17,Pin J5-5)
Warning	Sheet1.SchDoc	Net PD2 has no driving source (Pin J1-16,Pin J5-6)
Warning	Sheet1.SchDoc	Net PD3 has no driving source (Pin J1-15,Pin J5-11)
Warning	Sheet1.SchDoc	Off grid at 107.5,465
Warning	Sheet1.SchDoc	Off grid at 492.5,725
Warning	Sheet1.SchDoc	Off grid at 492.5,825
Warning	Sheet1.SchDoc	Off grid at 592.5,765
Warning	Sheet1.SchDoc	Off grid at 727.5,805
Warning	Sheet1.SchDoc	Part J5 is not linked to Octopart
Warning	Sheet1.SchDoc	Part R4 is not linked to Octopart
Warning	Sheet1.SchDoc	Part R5 is not linked to Octopart
Warning	Sheet1.SchDoc	Part U2 is not linked to Octopart