









Comment	Description	Designator	Footprint	LibRef	Quantity
100nF	Ceramic Capacitor, Multilayer, Cera	C1, C2	CAPC0603	CC0603KRX7R7BB104	2
4.7nF	Ceramic Capacitor, Multilayer, Cera	C3, C4	CAPC0603	CC0603JPX7R9BB472	2
10144517-081802LF	CONN RCPT 1 80POS SMD GOLD	JI	AMPHENOL_1014451 7-081802LF	10144517-081802LF	1
10144518-083802LF	CONN PLUG 3 80 POS SMD GOLD	I.	AMPHENOL_1014451 8-083802LF	10144518-083802LF	1
0353630260	Header, Molex, 2mm Pitch Sherlock Header, Single Row, Horizontal, 2 Circuits, Length 3.3mm, 0353630260	J3, J4, J5, J6	MOLEX-HDR-1X2- SHERLOCK-HORZ	SHERLOCK-1x2-RA	4
DNP	(DO NOT PLACE) Resistor	R1, R2, R3, R4, R5, R6	RES0603	Resistor_DNP	6
0R	Fixed Resistor, Metal Glaze/thick F	R7, R8, R13, R14	RES0603	RC0603FR-070RL	4
60.4R	Fixed Resistor, Metal Glaze/thick F	R9, R10, R11, R12	RES0603	RC0603FR-0760R4L	4
PCA9515ADP	ICREDRIVER 12C 2CH 8TSSOP	U1, U2	SOP65P490X110-8N	PCA9515ADP	2

Electrical Rules Check Report

Class	Document	Message
		Successful Compile for T GIS CAN Termination.PrjPcb

Design Rules Verification ReportFilename : C:\Users\molyo\OneDrive\Desktop\MIL\TailGator\PCB\TailGator Interconnect Syste

Warnings 0 Rule Violations 0

Warnings Total 0

Rule Violations	
Clearance Constraint (Gap=4mil) (All),(All)	0
Short-Circuit Constraint (Allowed=No) (All),(All)	0
Un-Routed Net Constraint ((All))	0
Modified Polygon (Allow modified: No), (Allow shelved: No)	0
Width Constraint (Min=4mil) (Max=71497.938mil) (Preferred=4mil) (All)	0
Power Plane Connect Rule(Direct Connect) (Expansion=20mil) (Conductor Width=10mil) (Air Gap=10mil) (Entries=4)	0
Power Plane Connect Rule(Relief Connect)(Expansion=11.811mil) (Conductor Width=4mil) (Air Gap=4mil) (Entries=4)	0
Minimum Annular Ring (Minimum=3mil) (All)	0
Hole Size Constraint (Min=7.874mil) (Max=248.031mil) (All)	0
Hole To Hole Clearance (Gap=9.842mil) (All),(All)	0
Minimum Solder Mask Sliver (Gap=0mil) (All),(All)	0
Silk To Solder Mask (Clearance=4mil) (IsPad),(All)	0
Silk to Silk (Clearance=0mil) (All),(All)	0
Net Antennae (Tolerance=0mil) (All)	0
Board Clearance Constraint (Gap=0mil) (All)	0
Matched Lengths(Tolerance=5mil) (InNetClass('CAN0_RCPT'))	0
Matched Lengths(Tolerance=5mil) (InNetClass('CAN0_PLUG'))	0
Matched Lengths(Tolerance=5mil) (InNetClass('CAN0'))	0
Height Constraint (Min=0mil) (Max=71497.938mil) (Prefered=500mil) (All)	0
Total	0