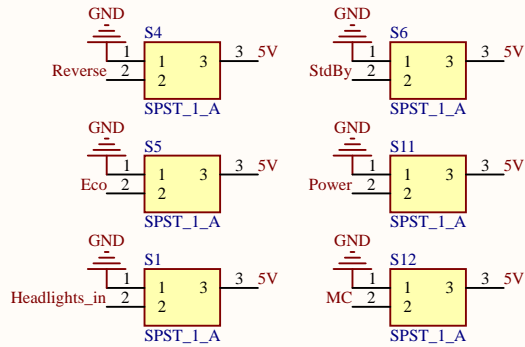
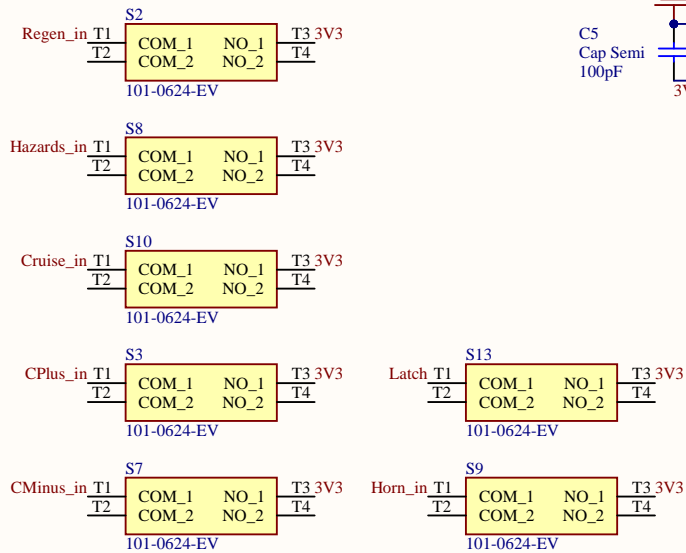


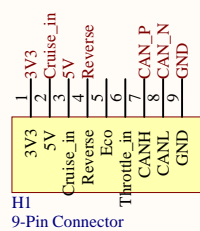
Switches (Startup + Headlights)



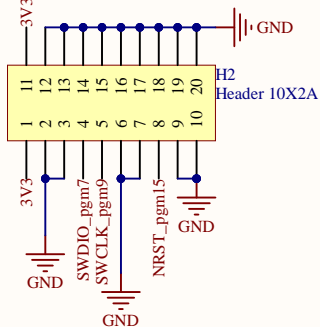
Driver Control Buttons



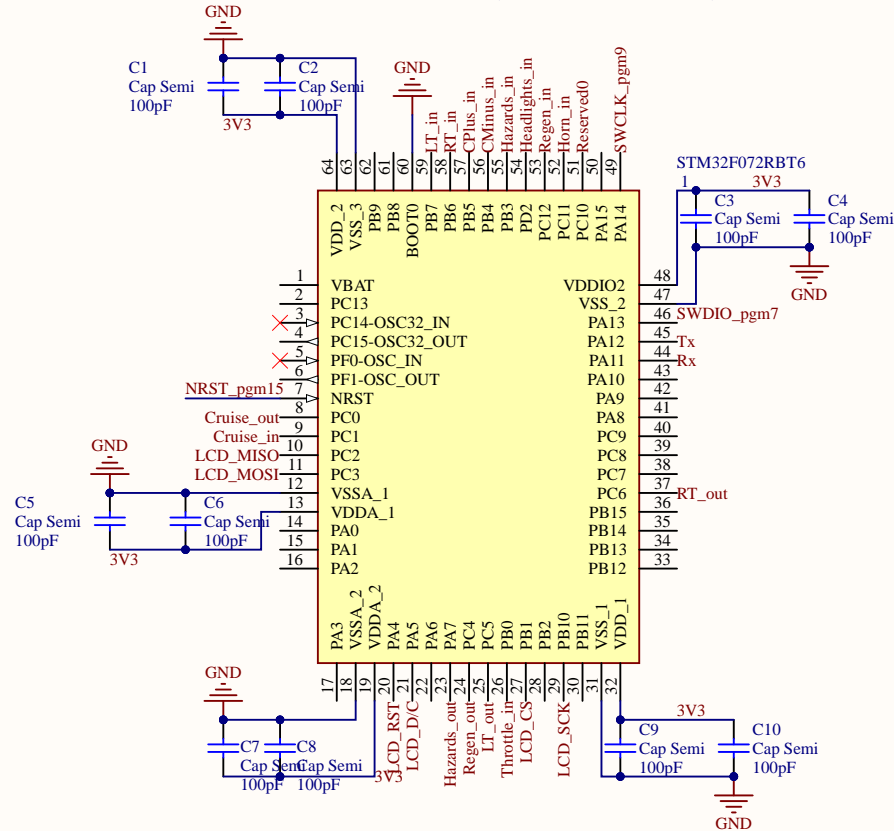
Power/GND Connector



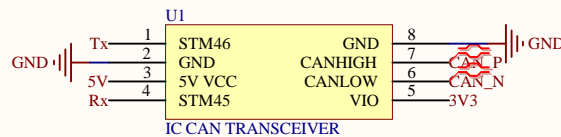
Programmer Connector



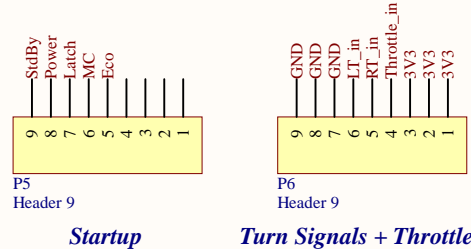
STM Microcontroller (for LCD, GPIO, CAN)



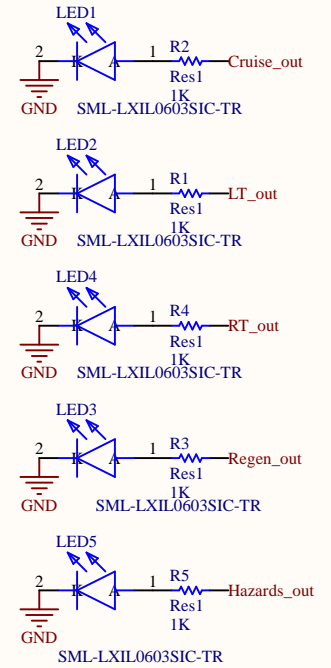
CAN Chip



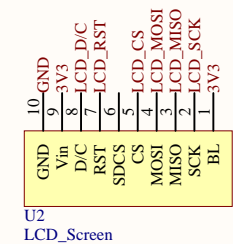
External Component Signals (non-uC related)



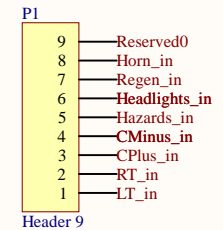
LEDs for Buttons



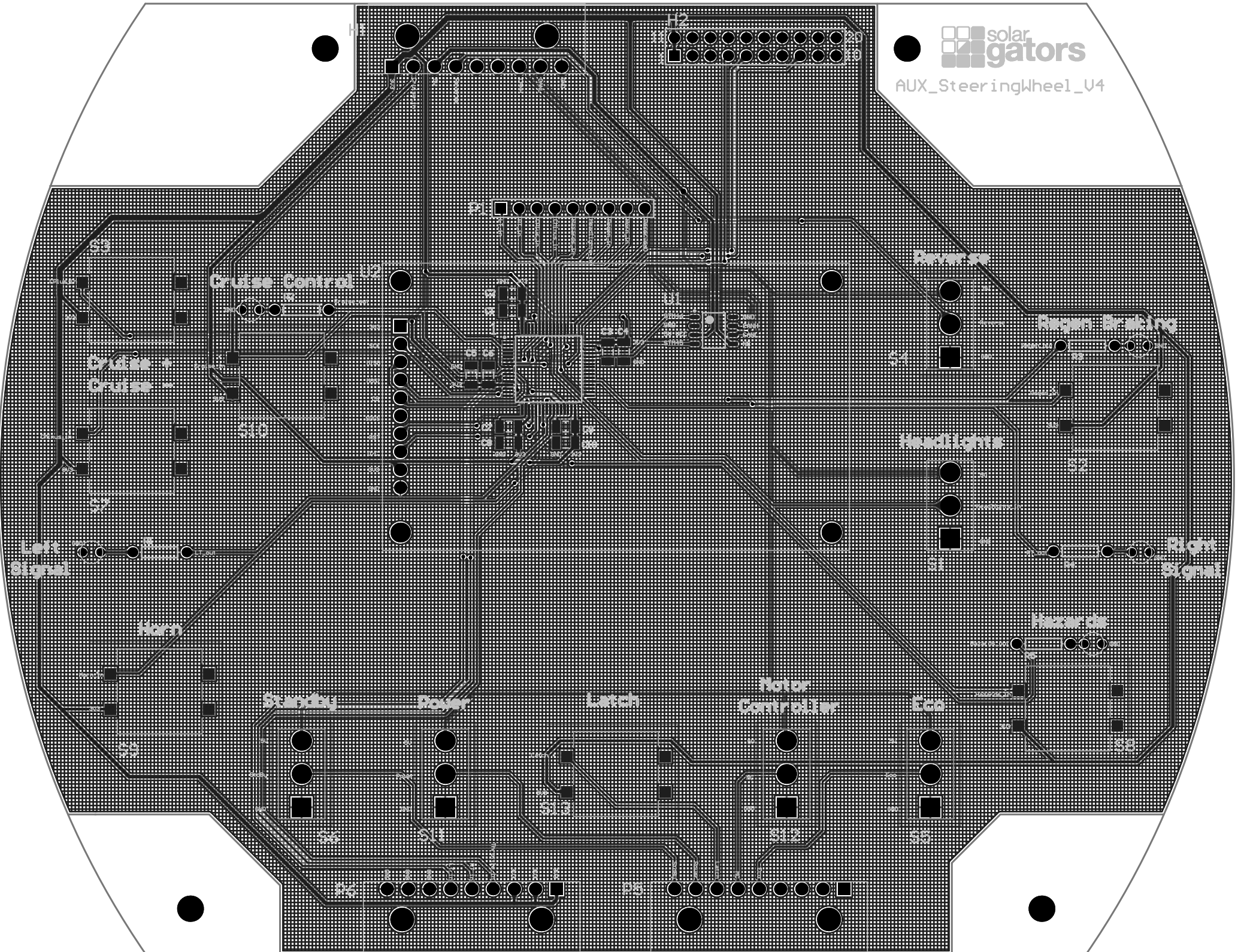
Driver Dash LCD



Probeable Signals Pin Debugger



Title		
Size	Number	Revision
Letter		
Date:	10/02/2020	Sheet of
File:	C:\Users\...\AUX_SteeringWheel_v4.SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
STM32F072RBT6	Integrated Circuit	1	QFP50P1200X1200X16 0-64N	STM32F072RBT6	1
Cap Semi	Capacitor (Semiconductor SIM Model)	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10	C1206	Cap Semi	10
9-Pin Connector		H1	Rt_Angle_9-Pin	9-Pin Connector	1
Header 10X2A	Header, 10-Pin, Dual row	H2	HDR2X10_CEN	Header 10X2A	1
SML-LXIL0603SIC-TR	Cruise, Headlights, Hazards	LED1, LED2, LED3, LED4, LED5	LED thru hole	SML-LXIL0603SIC-TR	5
Header 9	Header, 9-Pin	P1	HDR1X9	Header 9	1
Header 9	Header, 9-Pin	P5, P6	Rt_Angle_9-Pin	Header 9	2
Res1	Resistor	R1, R2, R3, R4, R5	AXIAL-0.3	Res1	5
SPST_1_A	Switch	S1, S4, S5, S6, S11, S12	2M1SP3T1B1M2QE	2M1-SP1-T1-B1- M2QE	6
101-0624-EV	Switch	S2, S3, S7, S8, S9, S10, S13	1010624EV	101-0624-EV	7
IC CAN TRANSCEIVER		U1	CAN TRANSCEIVER	CAN TRANSCEIVER	1
LCD_Screen	LCD Display Screen	U2	LCD_Screen	LCD_Screen	1