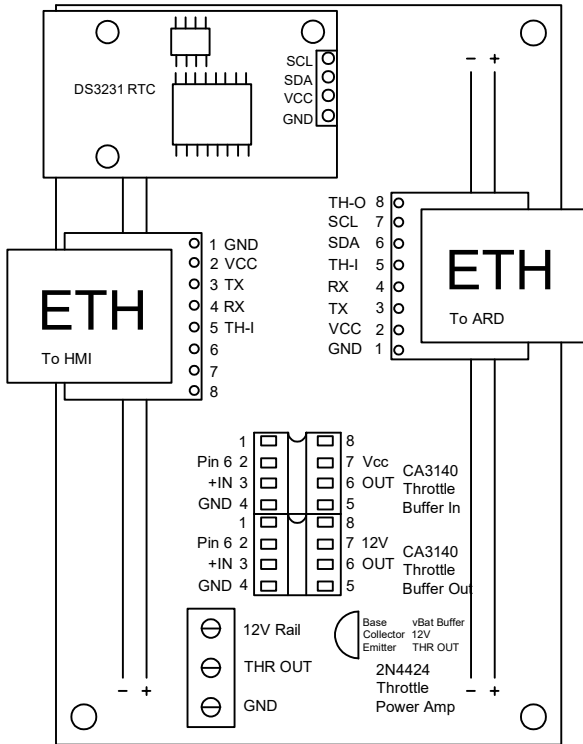


DATE	JAN'20	
	SCALE	FULL
PRODUCED BY AN AUTODESK STUDENT VERSION		
ATMEGA 2560 PIN LAYOUT		
DRN BY	C.C.F	CLASS 001
TITLE		ST. CLAIR COLLEGE



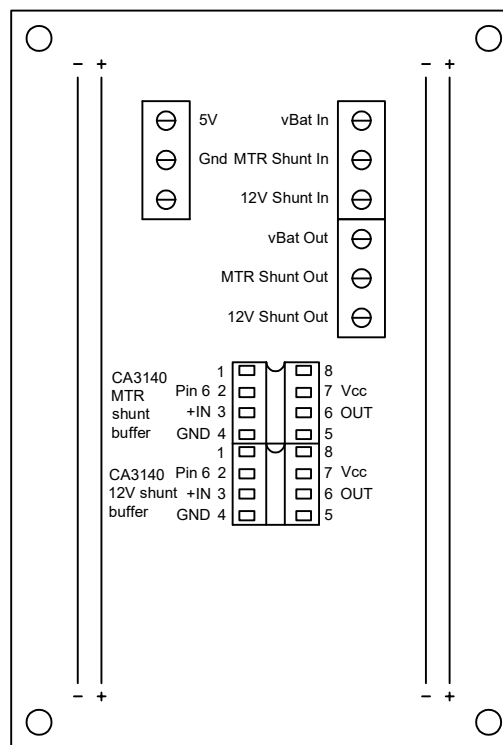
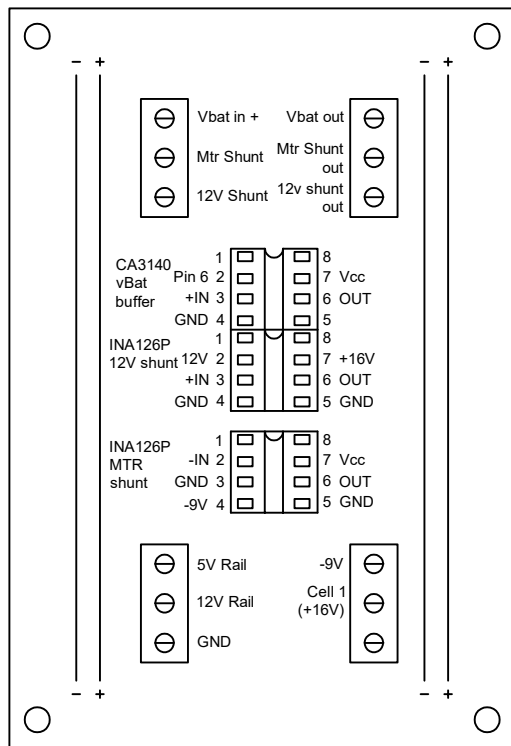
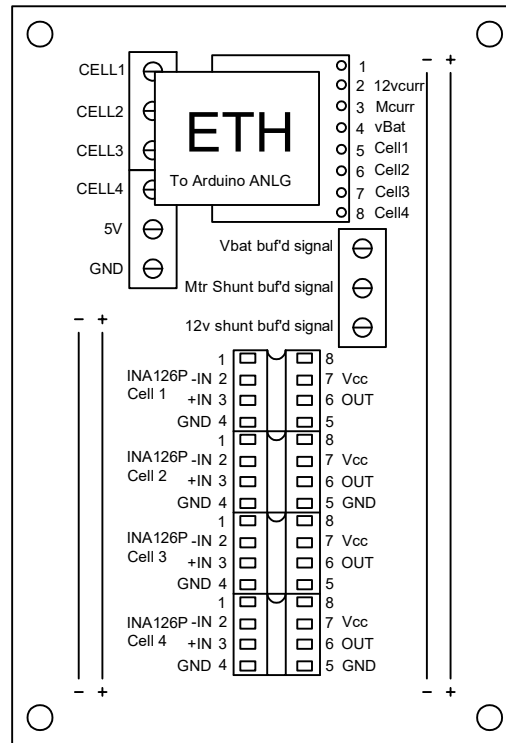
1

4

STACK ORDER,
BOTTOM TO TOP

2

3



TITLE

ST. CLAIR COLLEGE

DRN BY

C.C.F

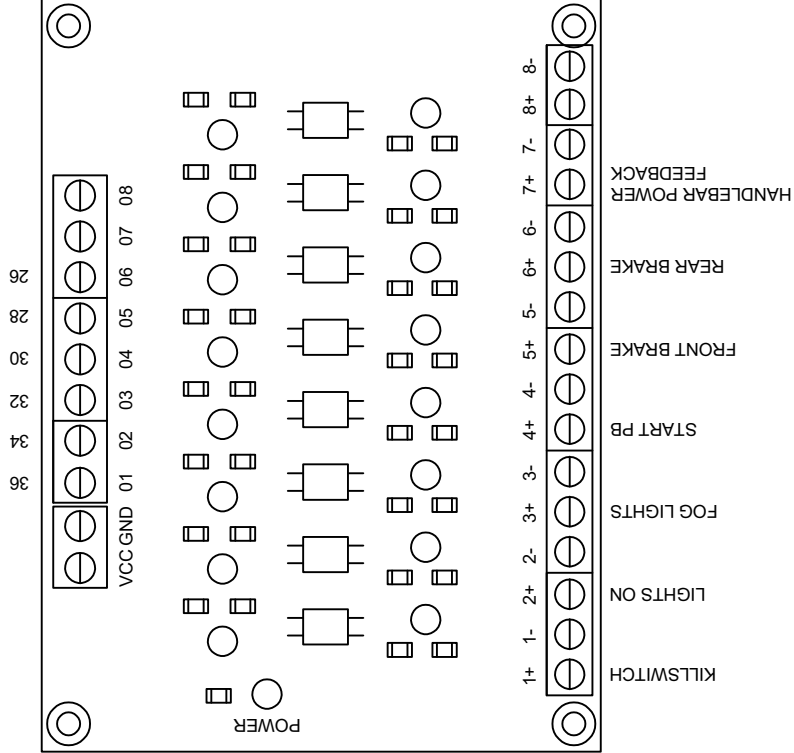
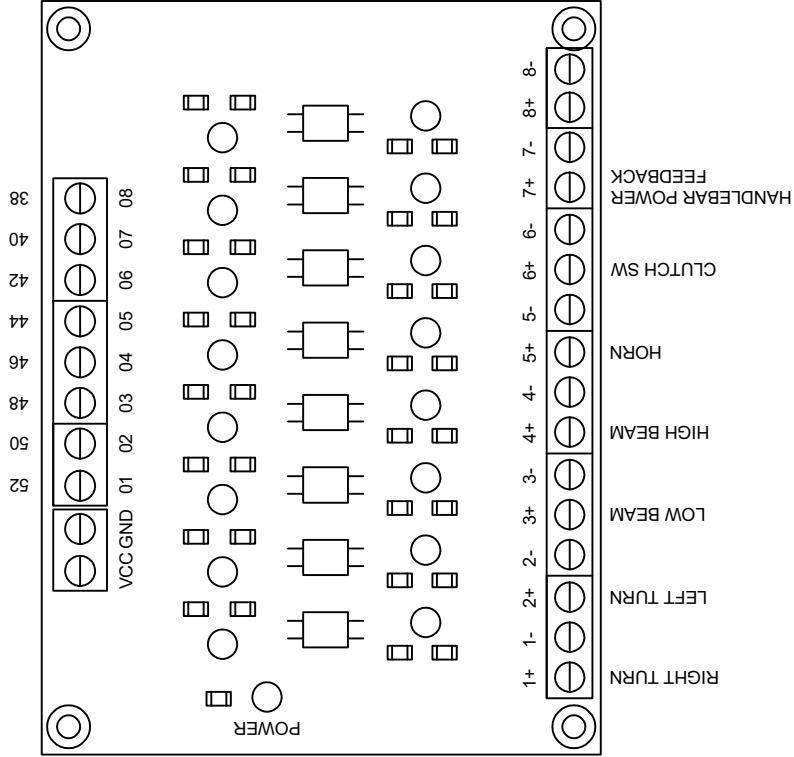
CLASS 001

DESIGNED BOARDS STACK

DATE FEB'20

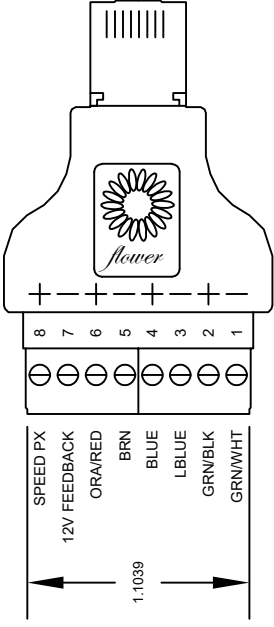
SCALE FULL

LEFT HANDLEBAR OPTO BOARD 1 RIGHT HANDLEBAR OPTO BOARD 2

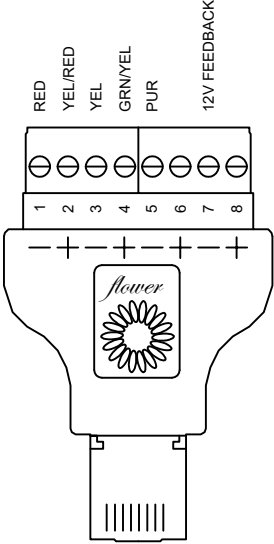


PRODUCED BY AN AUTODESK STUDENT VERSION			
ST. CLAIR COLLEGE		TITLE	
DRN BY	C.C.F	CLASS	001
OPTO BOARD LAYOUT		DATE	FEB'20
		SCALE	FULL

INPUT FROM LEFT HANDLEBAR

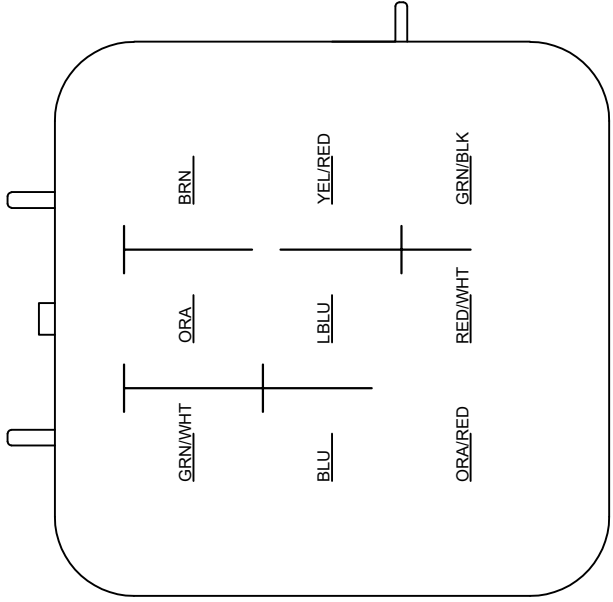


INPUT FROM RIGHT HANDLEBAR

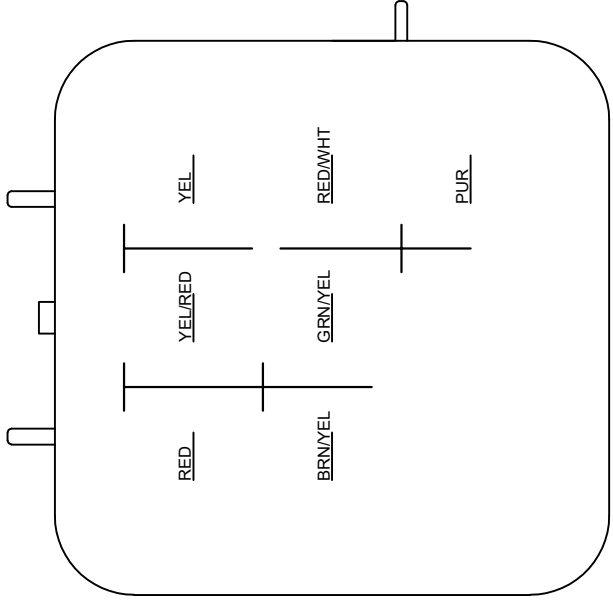


PRODUCED BY AN AUTODESK STUDENT VERSION			
ST. CLAIR COLLEGE		TITLE	
DRN BY	C.C.F	CLASS 001	HANDLEBAR TO ETHERNET PINOUT
		SCALE	FEB'20
		FULL	

LH HAND CONTROLS



RH HAND CONTROLS



COLOR	DESCRIPTION	COLOR	DESCRIPTION
ORANGE	TURN SIGNAL POWER	RED	KILLSWITCH OUTPUT
GRN/WHT	RIGHT TURN OUTPUT	YELLOW/RED	LIGHTS ON OUTPUT
GRN/BLK	LEFT TURN OUTPUT	YELLOW	FOG LIGHTS OUTPUT
LBLUE	OUTPUT TO LOWBEAM	BROWN/YELLOW	POWER FOR START PB & KILLSWITCH
BLUE	OUTPUT TO HIGH BEAM	GREEN/YELLOW	START PB OUTPUT
RED/WHT	POWER FOR HI BEAM TRIGGER / DUAL LIGHT	RED/WHITE	POWER FOR BRAKE AND FOGLIGHT
BRN	HORN OUTPUT	PURPLE	FRONT BRAKE OUTPUT
ORANGE/RED	OUTPUT FROM CLUTCH SENSOR		
YELLOW/RED	POWER FOR HI/LOW HEADLIGHT		