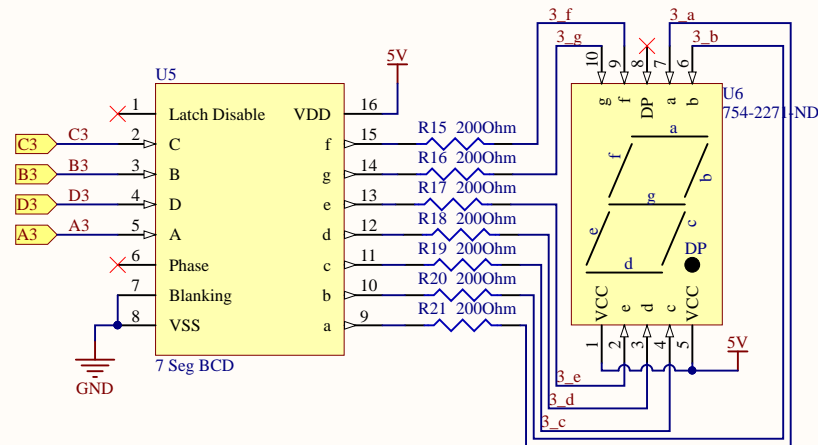
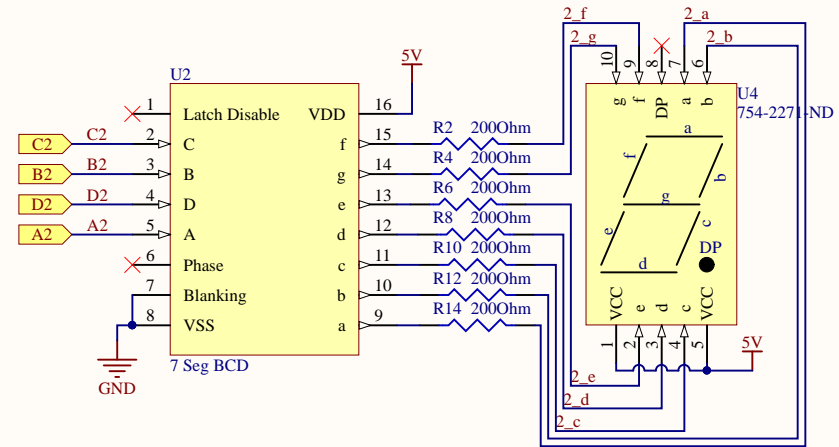
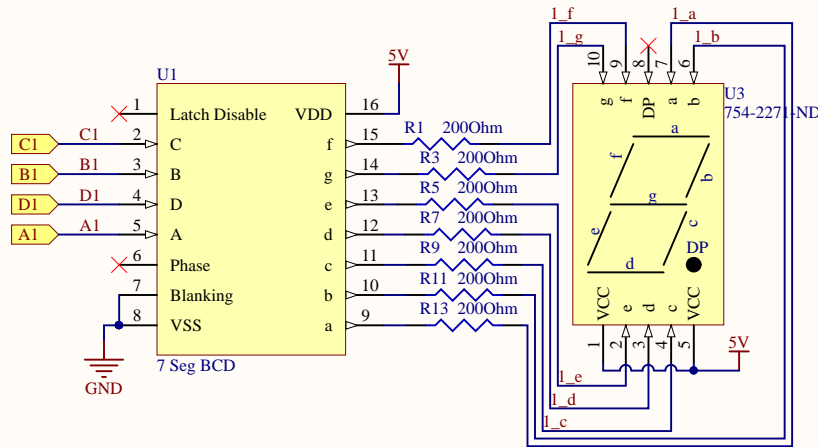
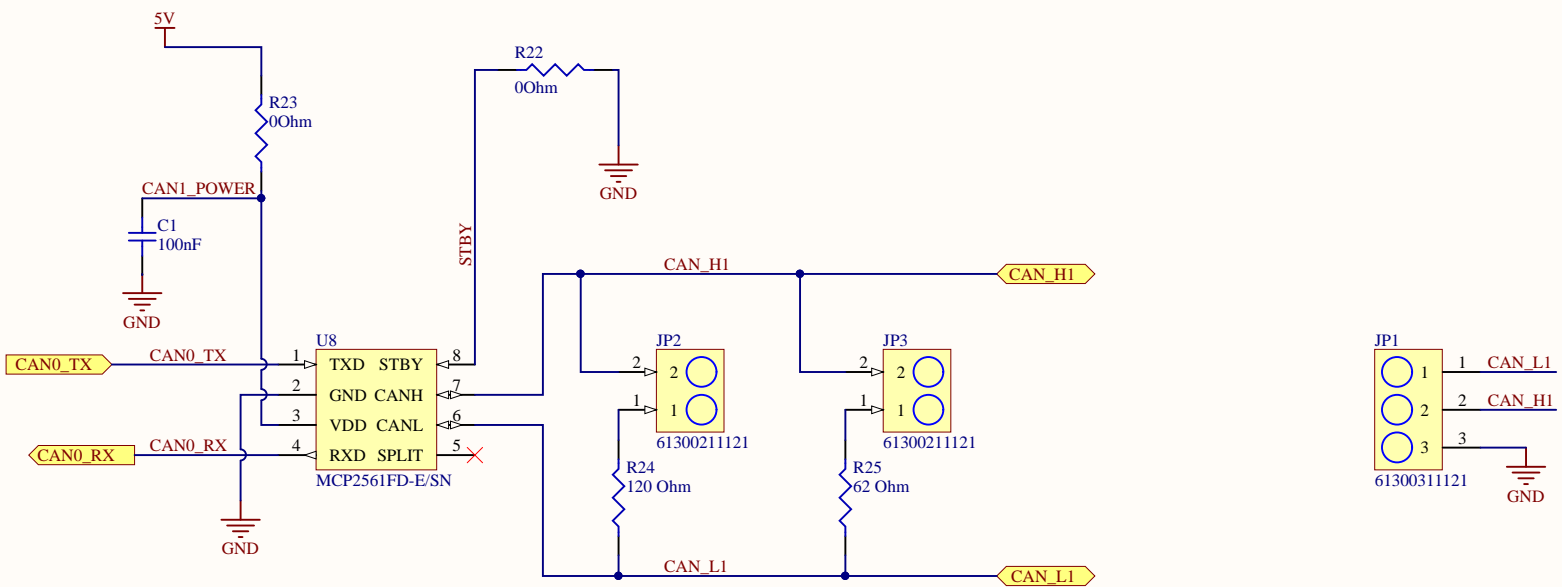


7 SEGMENT DISPLAYS



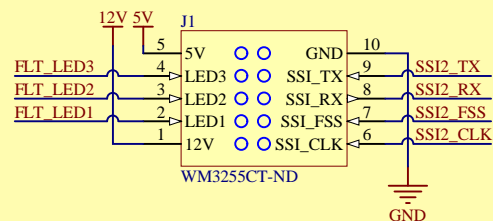
Title		
Size	Number	Revision
A4		
Date:	1/21/20	Sheet of
File:	C:\Users\...\7SegDisplay.SchDoc	Drawn By:

CAN TRANSCEIVER

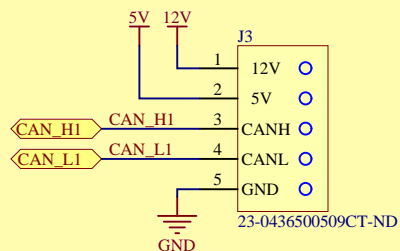


Title		
Size	Number	Revision
A4		
Date:	1/21/20	Sheet of
File:	C:\Users\...\CANTransceiver.SchDoc	Drawn By:

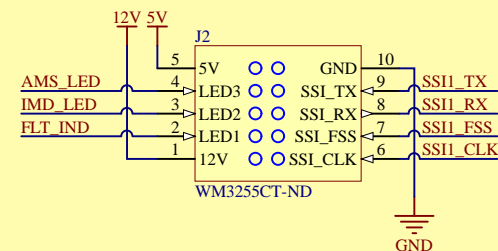
LEFT BOARD



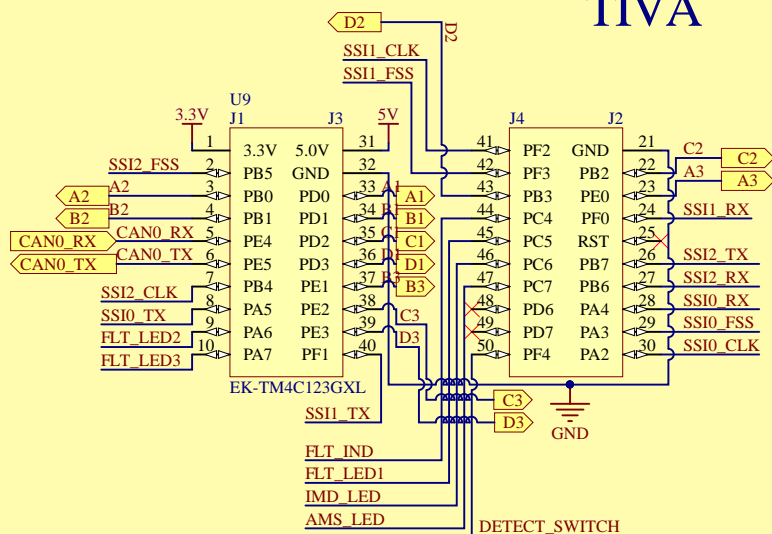
POWER



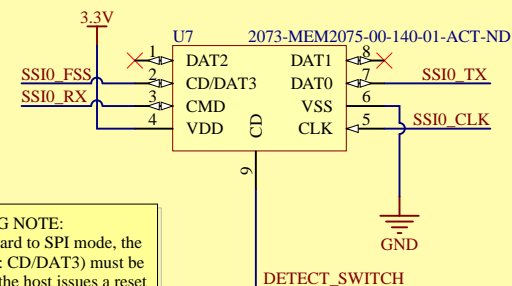
RIGHT BOARD



TIVA



MICRO SDCARD



INTERFACING NOTE:
To switch the card to SPI mode, the CS signal (port: CD/DAT3) must be asserted while the host issues a reset command to the card

Title		
Size	Number	Revision
A4		
Date:	1/21/20	Sheet of
File:	C:\Users\...\Headers.SchDoc	Drawn By:

TEAM PHANTOM
SFU FORMULA SAE ELECTRIC



U3

U4

U6

Altium

DASHBOARD
REVO

U7

150 (mm)

100 (mm)

Bill of Materials

Bill of Materials for Project [Dashboard.PrjPcb]

Source Data From: Dashboard.PrjPcb

Project: Dashboard.PrjPcb

Variant: None

Creation Date: 1/21/20 1:49 AM

Print Date: 21-Jan-20 1:49:02 AM

Footprint	Comment	LibRef	Designator	Description
CAPC1608X1	100nF	C0603C104K4R	C1	Cap Ceramic 0
MOLEX-10PIN	WM3255CT-ND	MOLEX-10PIN	J1, J2	HEADER R/A 1
MOLEX-5PIN	23-0436500509	0436500509	J3	GLOVE, POLY
61300311121	61300311121	61300311121	JP1	WURTHELEK
61300211121	61300211121	61300211121	JP2, JP3	Headers & Wire
RES-0805	2000Ohm	RNCP0805FTD2	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	RES SMD 200
RES-0603	0Ohm	RC0603JR-070R	R22, R23	RES SMD 0 OH
RESC1608X0	120 Ohm	ERA-3AEB121V	R24	Metal film resis
60Ohm-0603	62 Ohm	ESR03EZPJ620	R25	RES SMD 62 O
TSOP65P640	7 Seg BCD	CD4543BPWR	U1, U2, U5	IC BCD7SEG L
SA15-11EWA	754-2271-ND	SA15-11EWA	U3, U4, U6	DISPLAY, SEV
SDCARD-NC	2073-MEM2075	SDCARD CONN	U7	850NMPOINT
SOIC127P60	MCP2561FD-E/	MCP2561FD-E/	U8	MICROCHIP
TIVA Headers	EK-TM4C123GX	TIVA Headers	U9	