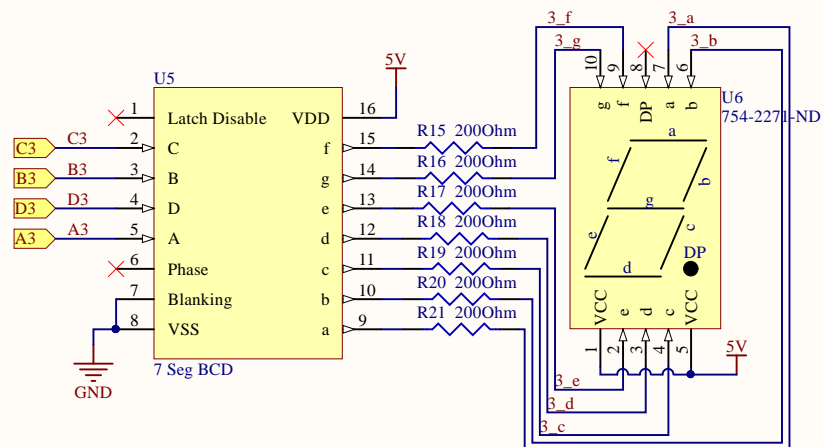
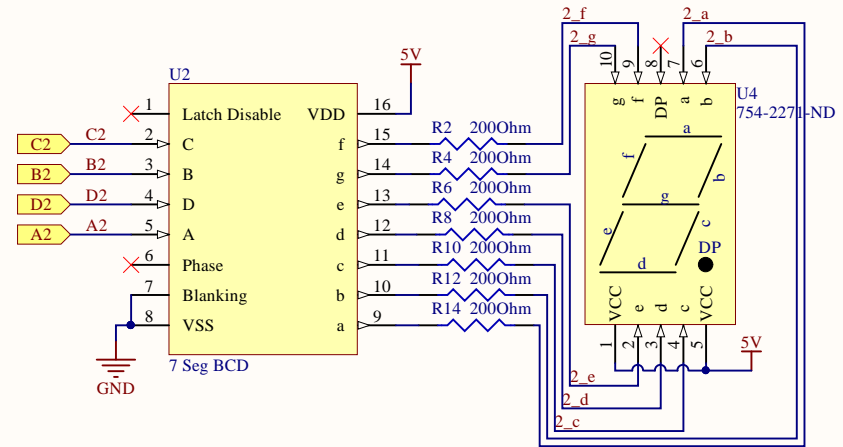
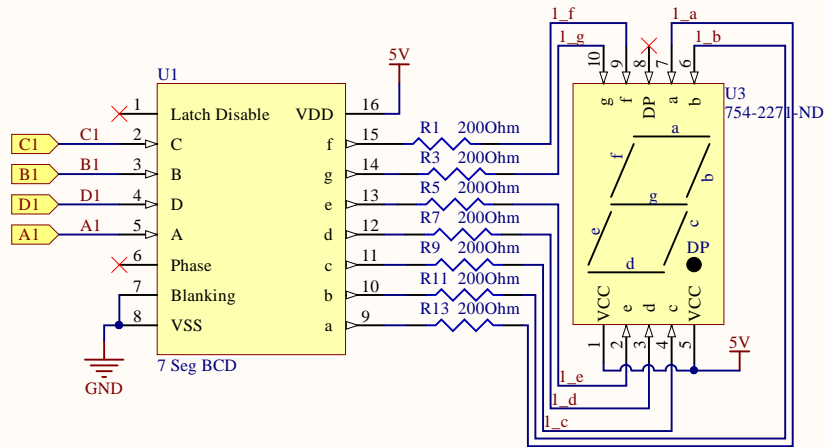
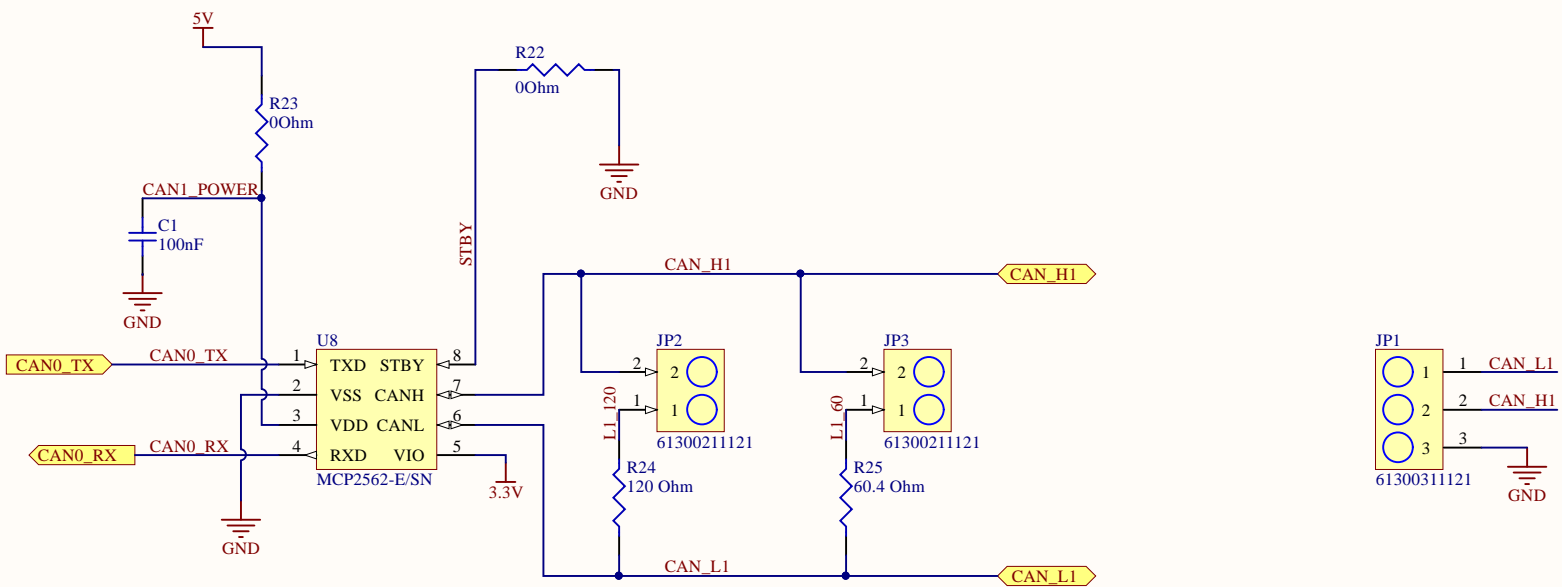


7 SEGMENT DISPLAYS



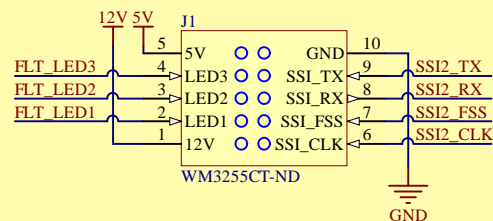
Title		
Size A4	Number	Revision
Date: 2/01/20	Sheet of	
File: C:\Users\...\7SegDisplay.SchDoc	Drawn By:	

CAN TRANSCEIVER

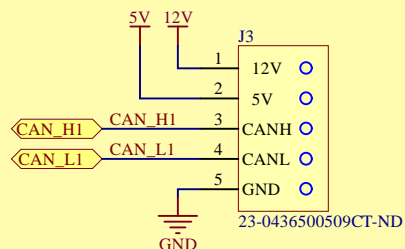


Title			
Size	Number		Revision
A4			
Date:	2/01/20	Sheet	of
File:	C:\Users\...\CANTransceiver.SchDoc	Drawn By:	

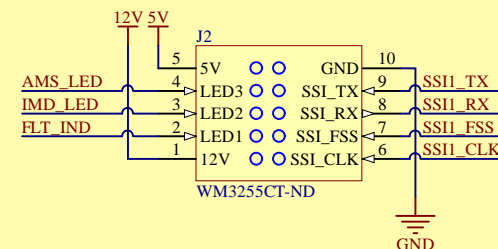
LEFT BOARD



POWER



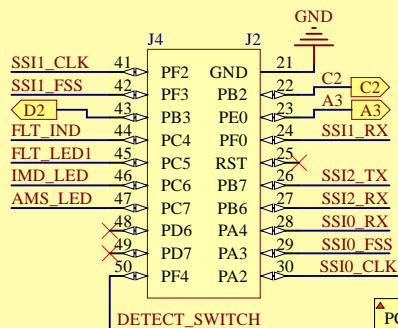
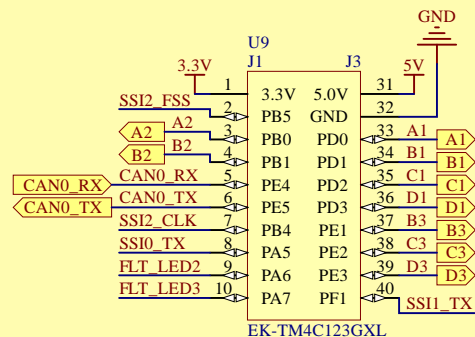
RIGHT BOARD



TIVA

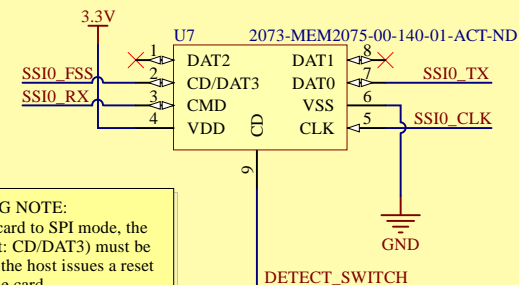
Legend

SSI0 - SDCARD [A - D]1 - Left 7 Seg
SSI1 - DAC1 [A - D]2 - Middle 7 Seg
SSI2 - DAC2 [A - D]3 - Right 7 Seg



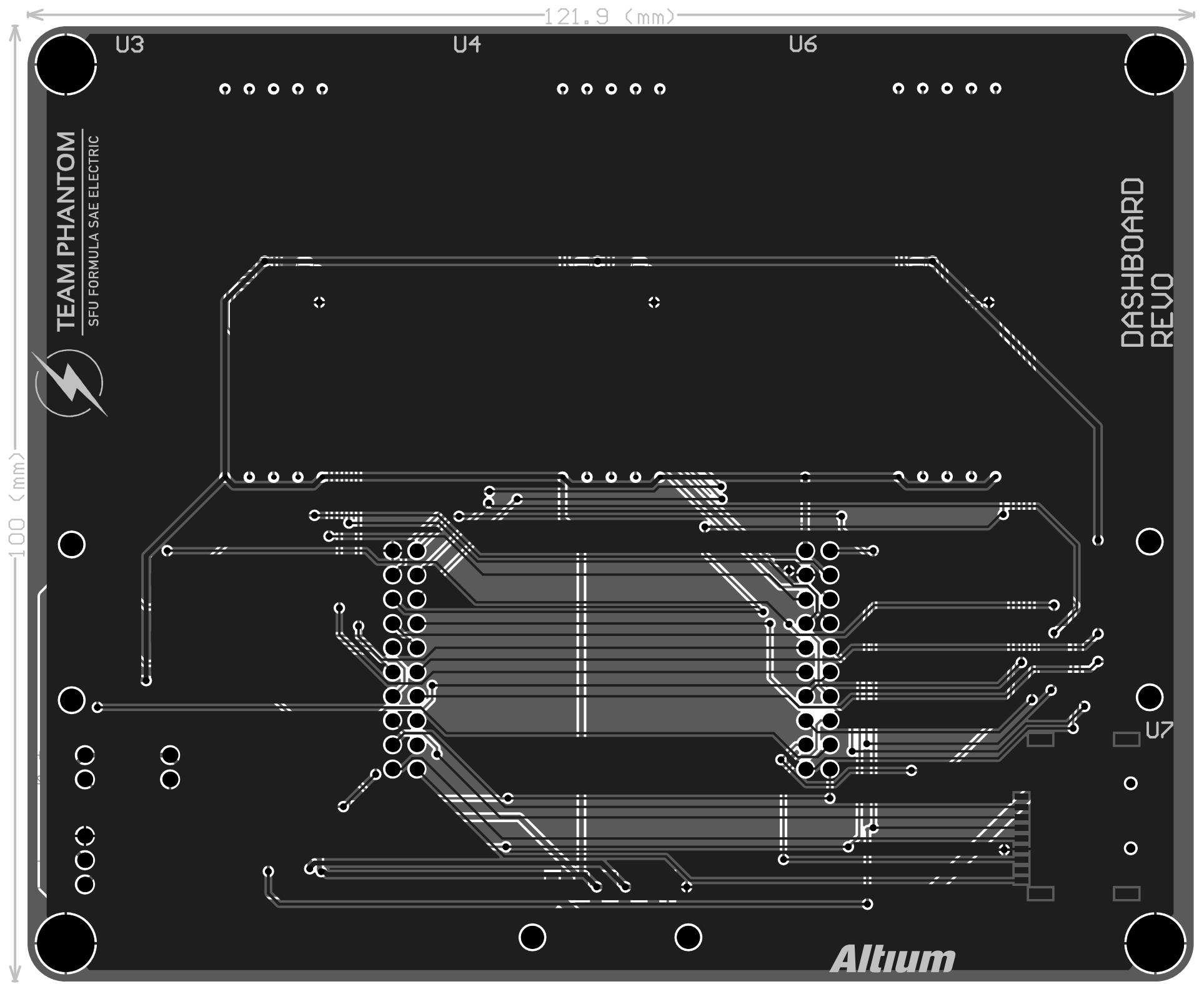
PCB NOTE:
Ensure that two 20pin headers are purchased, as the part is imported only once into SchLib. In other words quantity of U9 to purchase is 2.

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:	2/01/20	Sheet of
File:	C:\Users\...\Headers.SchDoc	Drawn By:



Bill of Materials

Bill of Materials for Project [Dashboard.PrjPcb]

Source Data From: Dashboard.PrjPcb

Project: Dashboard.PrjPcb

Variant: None

Creation Date: 2/01/20 5:18 PM

Print Date: 01-Feb-20 5:18:51 PM

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	00hm	RC0603JR-070R	R22, R23	RES SMD 0 OH
RESC1608X0	120 Ohm	ERA-3AEB121V	R24	Metal film resis
60.4 OHMRES	60.4 Ohm	RMCF0603FT60	R25	RES 60.4 OHM
TSOP65P640	7 Seg BCD	CD4543BPWR	U1, U2, U5	IC BCD7SEG L
SA15-11EWA	754-2271-ND	SA15-11EWA	U3, U4, U6	DISPLAY, SEV
SDCARD-NO	2073-MEM2075	SDCARD CONN	U7	850NMPOINT
SOIC127P60	MCP2562-E/SN	MCP2562-E/SN	U8	Interface IC CA
TIVA Headers	EK-TM4C123GX	PH2-20-UA	U9	PH Series 20 P