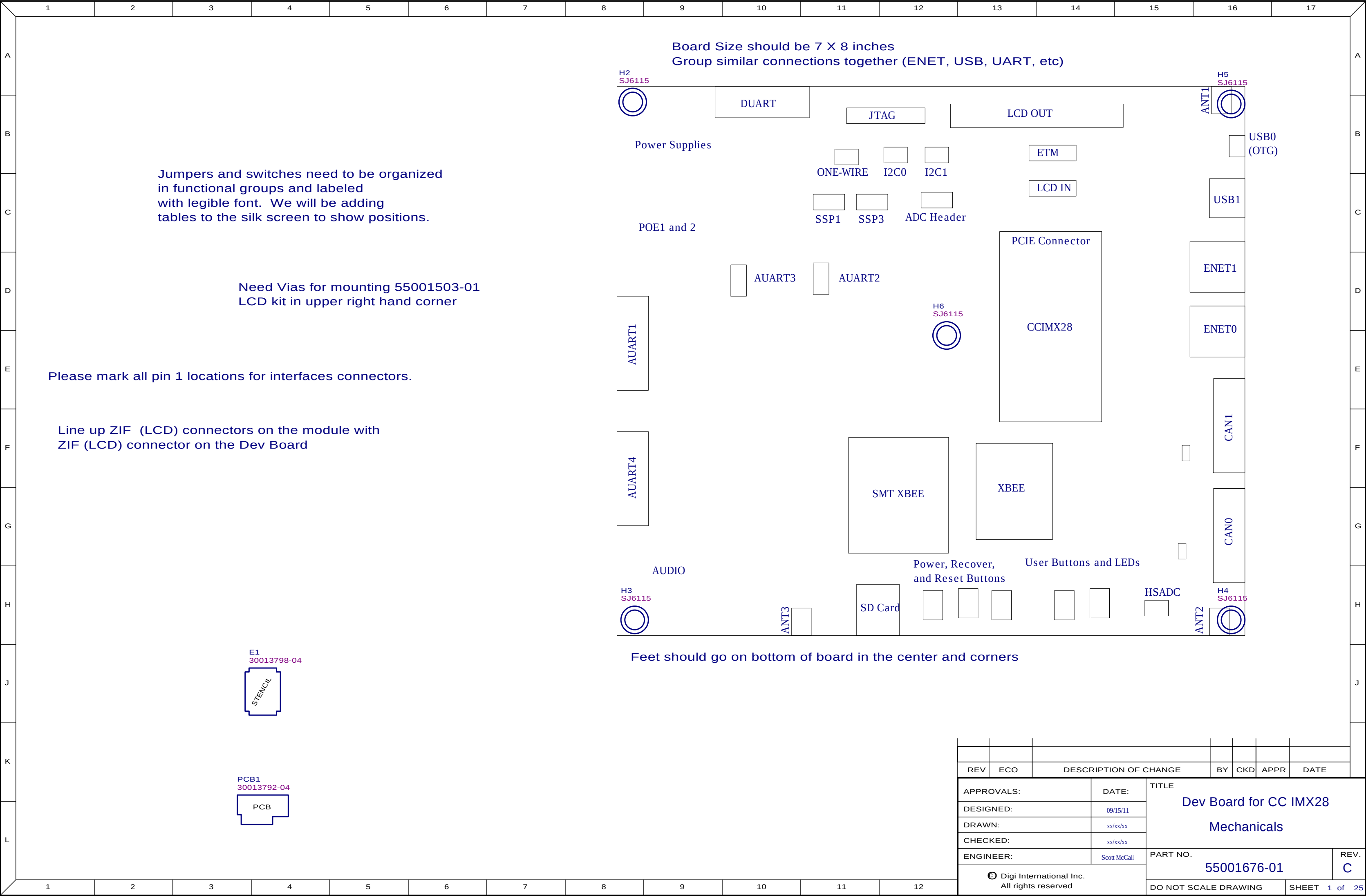
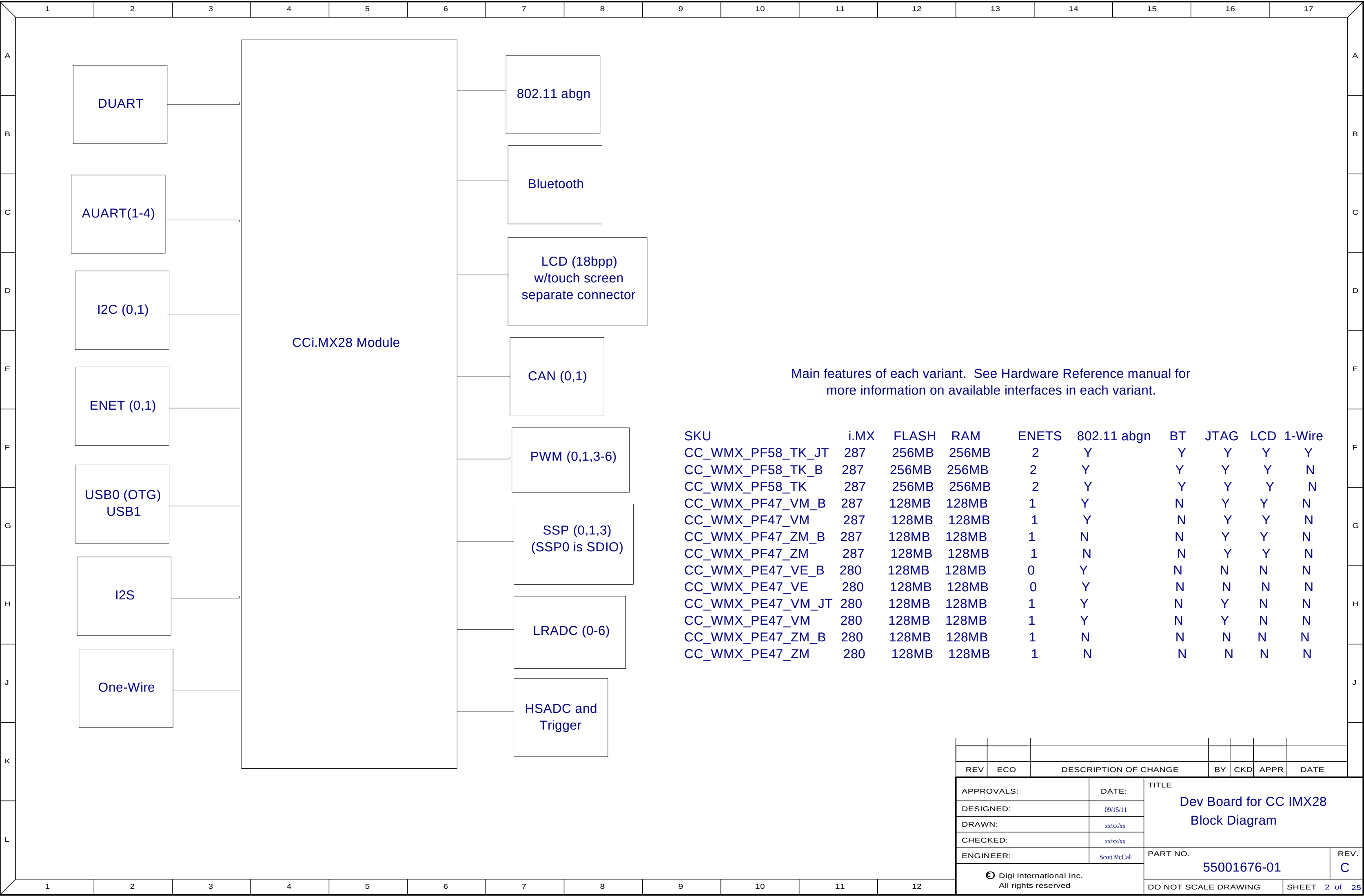
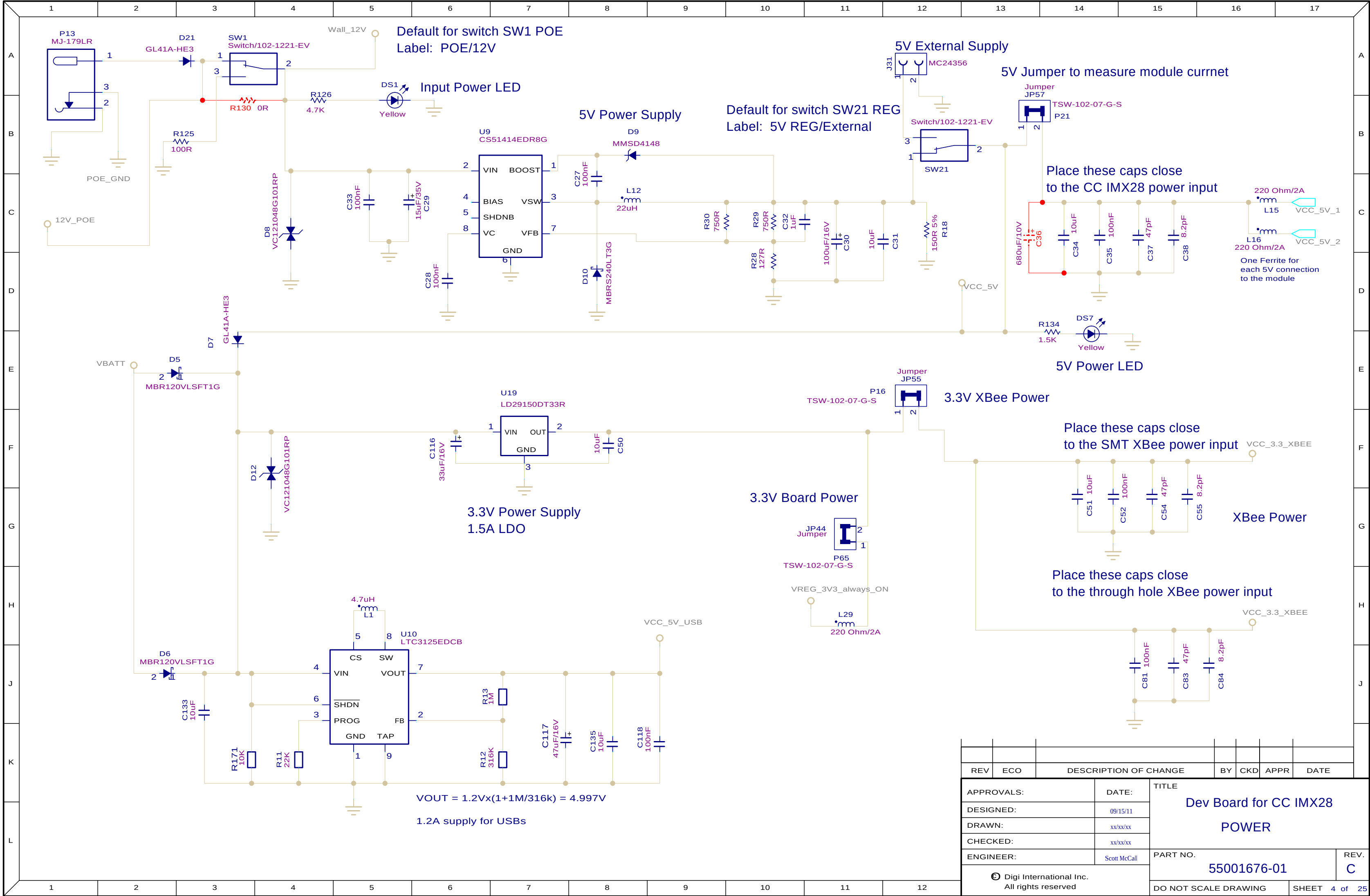
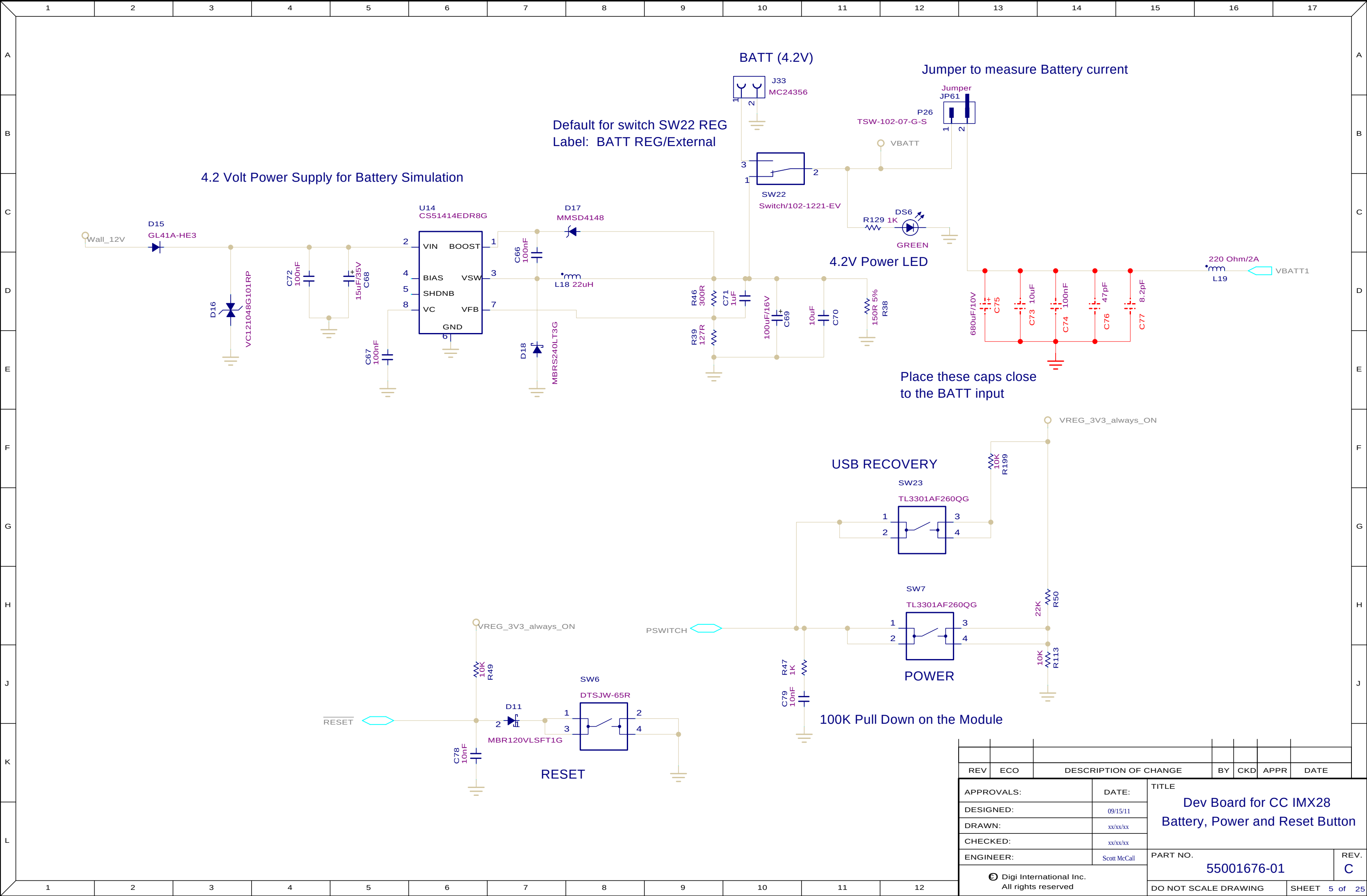


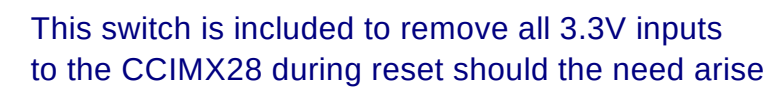




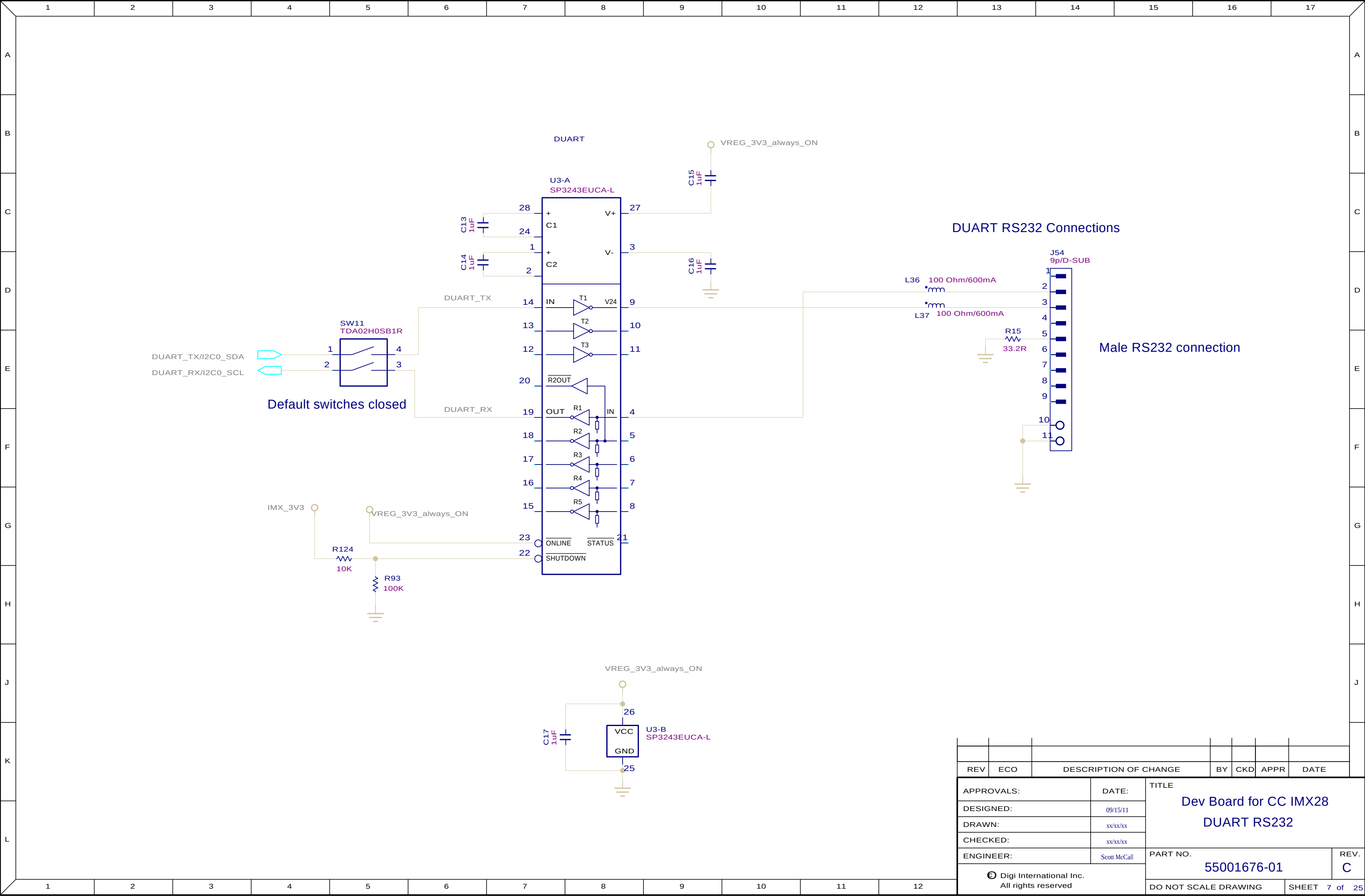




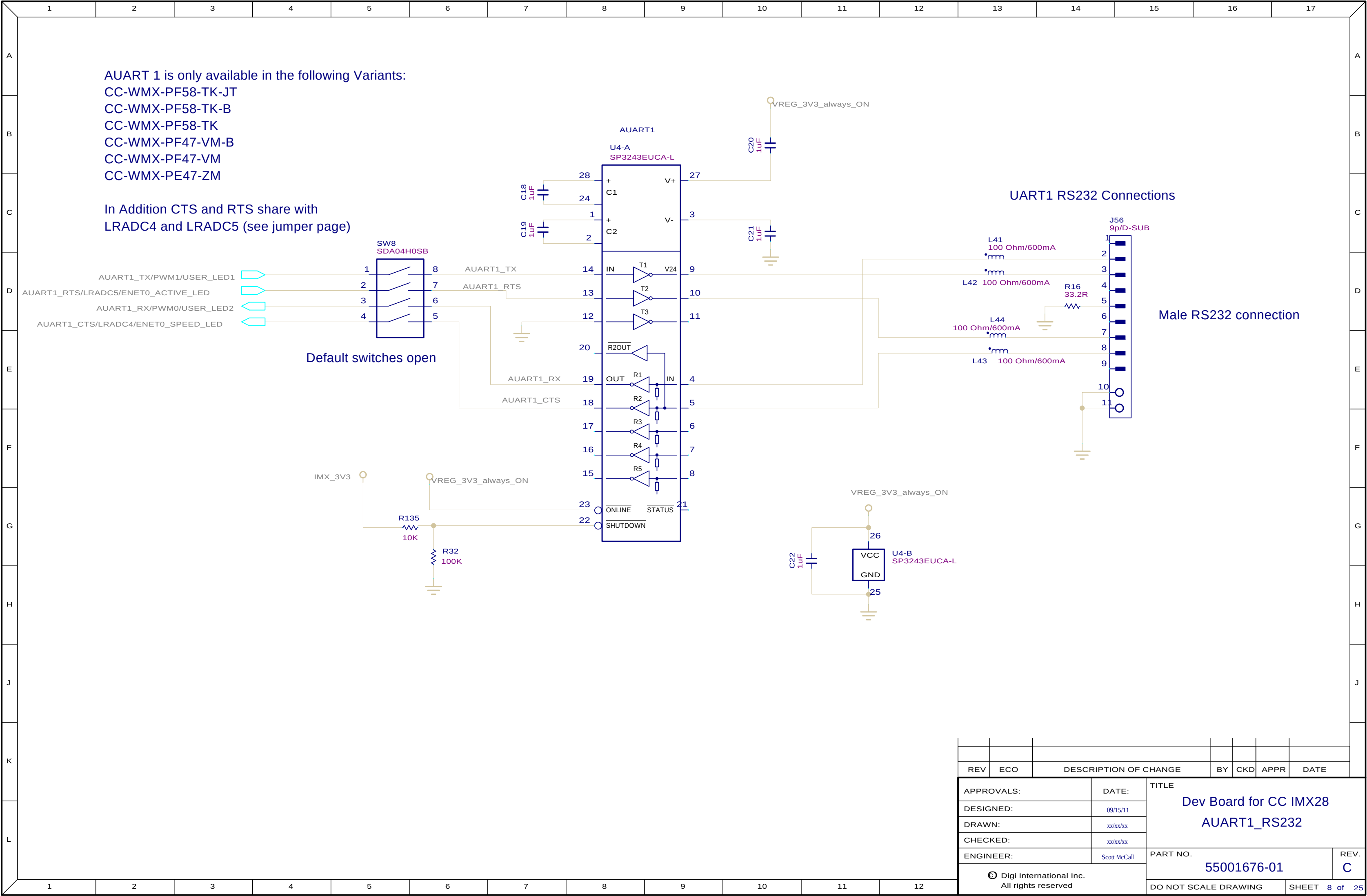
REV	ECO	DESCRIPTION OF CHANGE	BY	CKD	APPR	DATE
APPROVALS:		DATE:	TITLE			
DESIGNED:		09/15/11	Dev Board for CC IMX28			
DRAWN:		xx/xx/xx	Battery, Power and Reset Button			
CHECKED:		xx/xx/xx				
ENGINEER:		Scott McCall	PART NO.			REV.
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		DO NOT SCALE DRAWING			SHEET 5 of 25	



REV	ECO	DESCRIPTION OF CHANGE			BY	CKD	APPR	DATE	
APPROVALS:		DATE:		TITLE Dev Board for CC IMX28 3.3V LDO Switch					
DESIGNED:		09/15/11							
DRAWN:		xx/xx/xx							
CHECKED:		xx/xx/xx							
ENGINEER:		Scott McCall							
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				55001676-01			C		
DO NOT SCALE DRAWING					SHEET 6 of 25				



REV	ECO	DESCRIPTION OF CHANGE			BY	CKD	APPR	DATE
APPROVALS:		DATE:		TITLE Dev Board for CC IMX28 DUART RS232				
DESIGNED:		09/15/11						
DRAWN:		xx/xx/xx						
CHECKED:		xx/xx/xx						
ENGINEER:		Scott McCall						
© Digi International Inc. All rights reserved				PART NO.			REV.	
				55001676-01			C	
DO NOT SCALE DRAWING						SHEET 7 of 25		

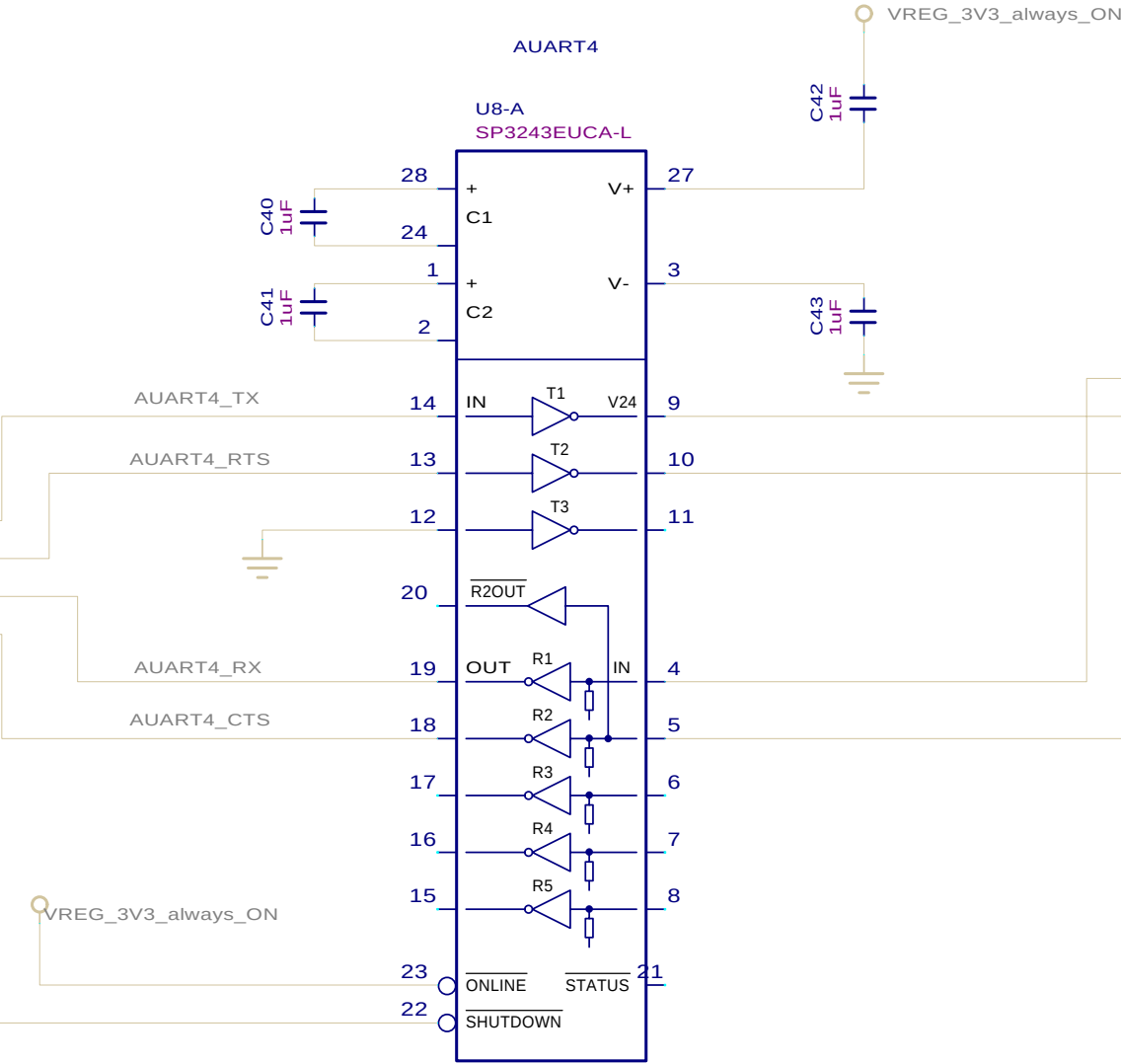
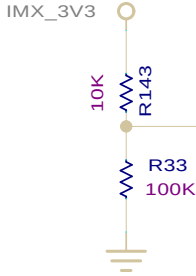


REV	ECO	DESCRIPTION OF CHANGE				BY	CKD	APPR	DATE
APPROVALS:		DATE:		TITLE Dev Board for CC IMX28 AUART1_RS232					
DESIGNED:		09/15/11							
DRAWN:		xx/xx/xx							
CHECKED:		xx/xx/xx							
ENGINEER:		Scott McCall							
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				DO NOT SCALE DRAWING					SHEET 8 of 25

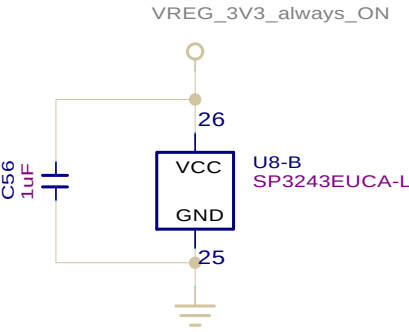
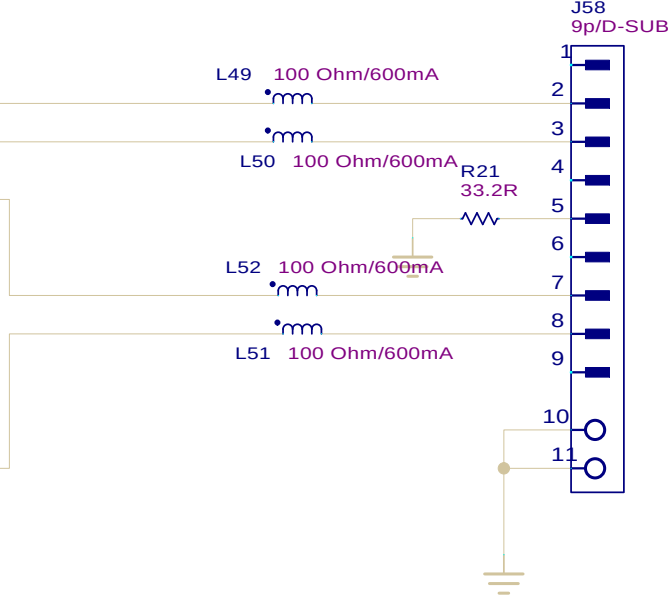
AUART4 shares with SSP3 (see jumper page) for the following variants:
CC-WMX-PF58-TK-JT
CC-WMX-PF58-TK-B
CC-WMX-PF58-TK
CC-WMX-PF47-VM-B
CC-WMX-PF47-VM
CC-WMX-PE47-ZM

AUART4_TX/SSP3_SCK/SAIF0_DATA0
AUART4_RTS/SSP3_MOSI/SAIF0_LRCLK
AUART4_RX/SSP3_MISO/SAIF0_BITCLK
AUART4_CTS/SSP3_SS0/SAIF0_MCLK

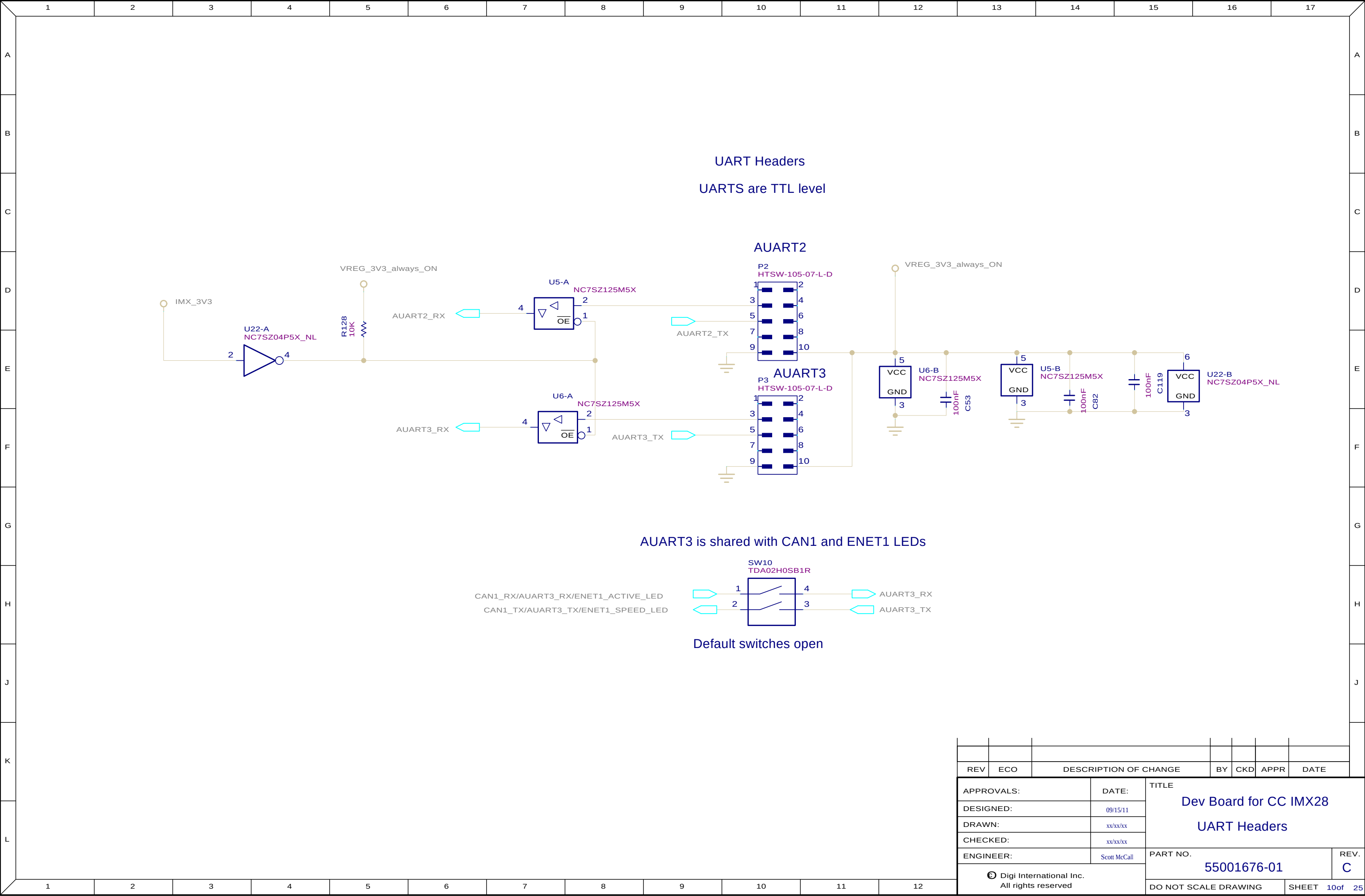
Default switches open

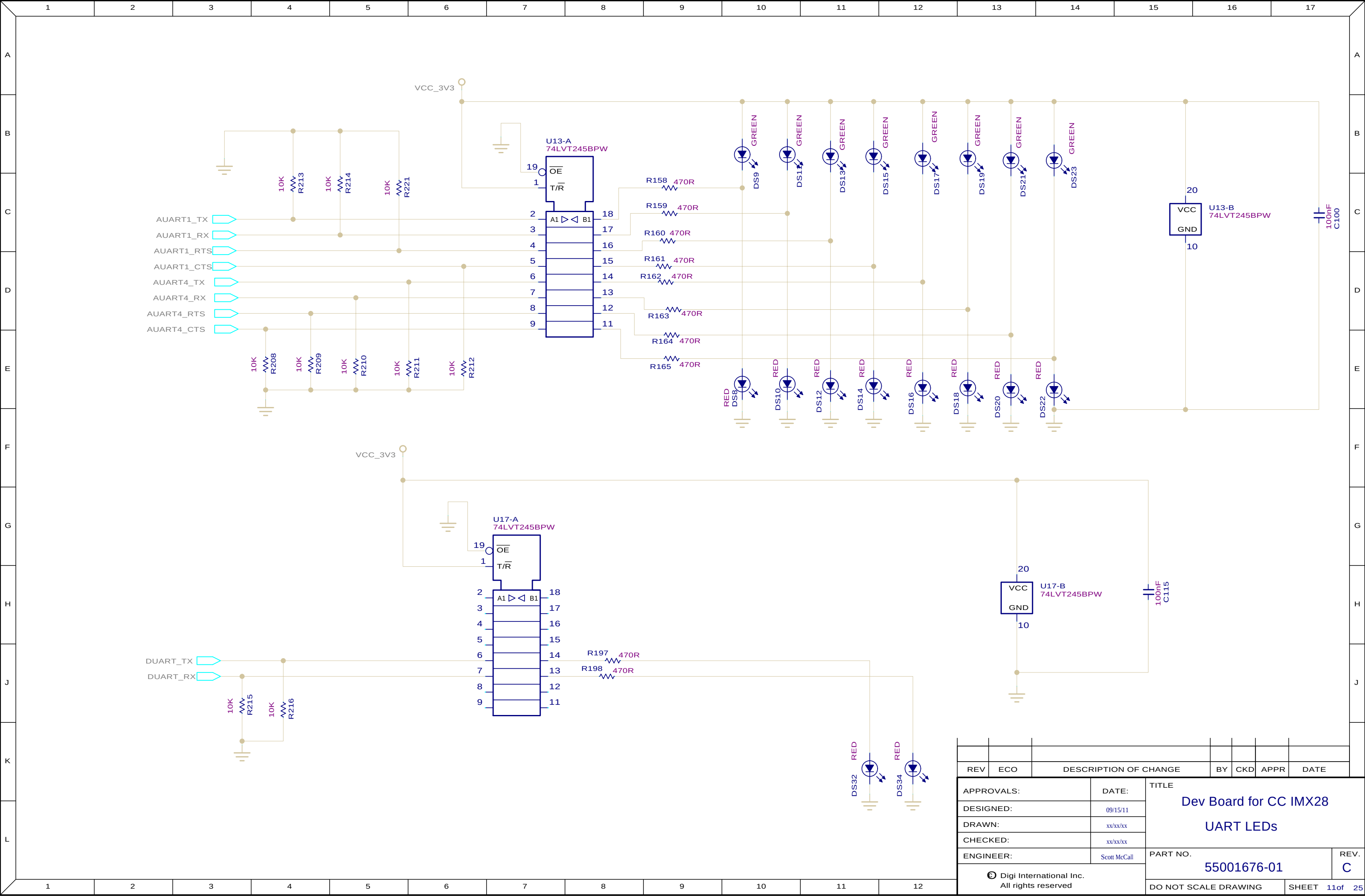


UART4 RS232 Connections

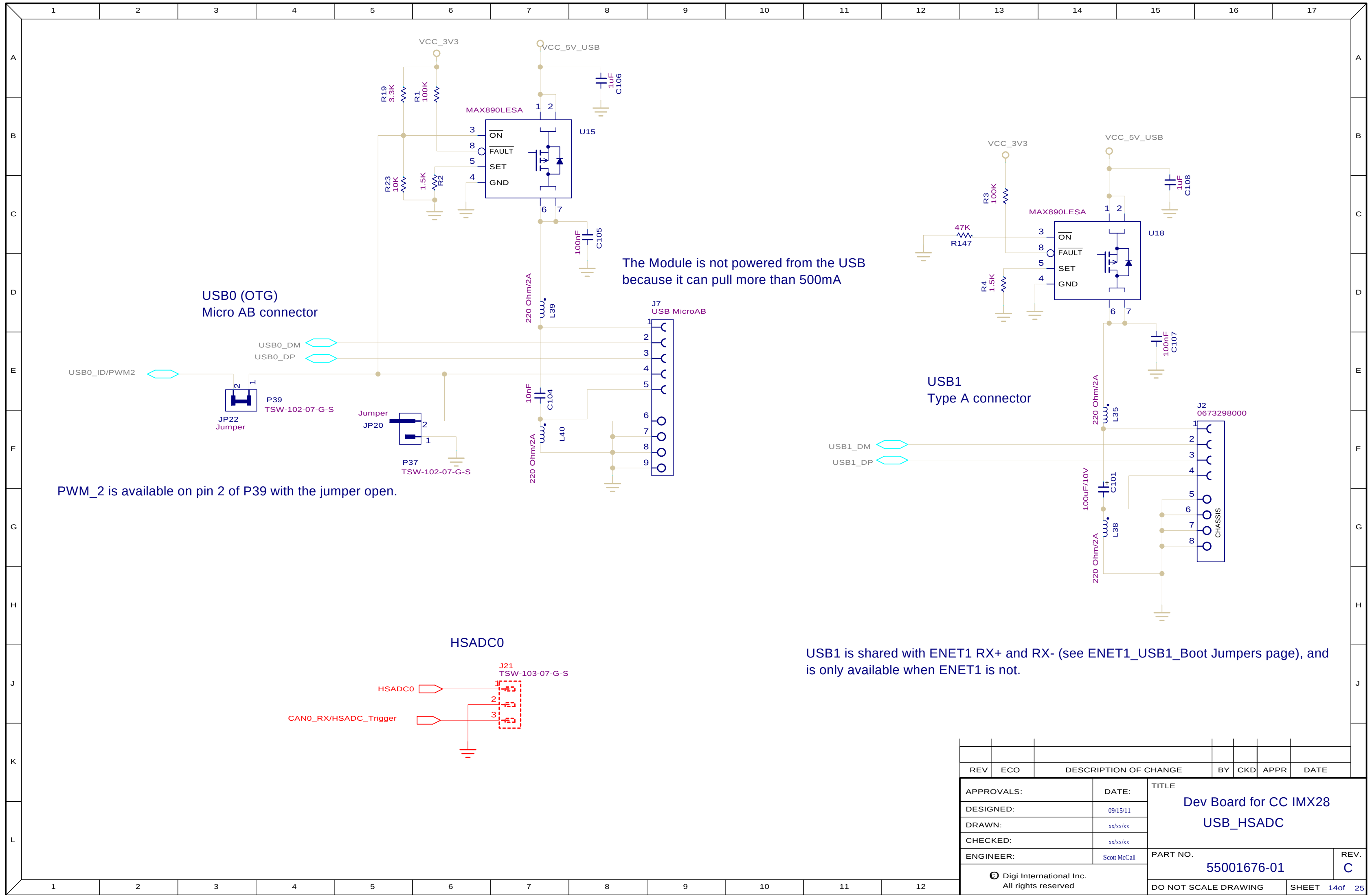


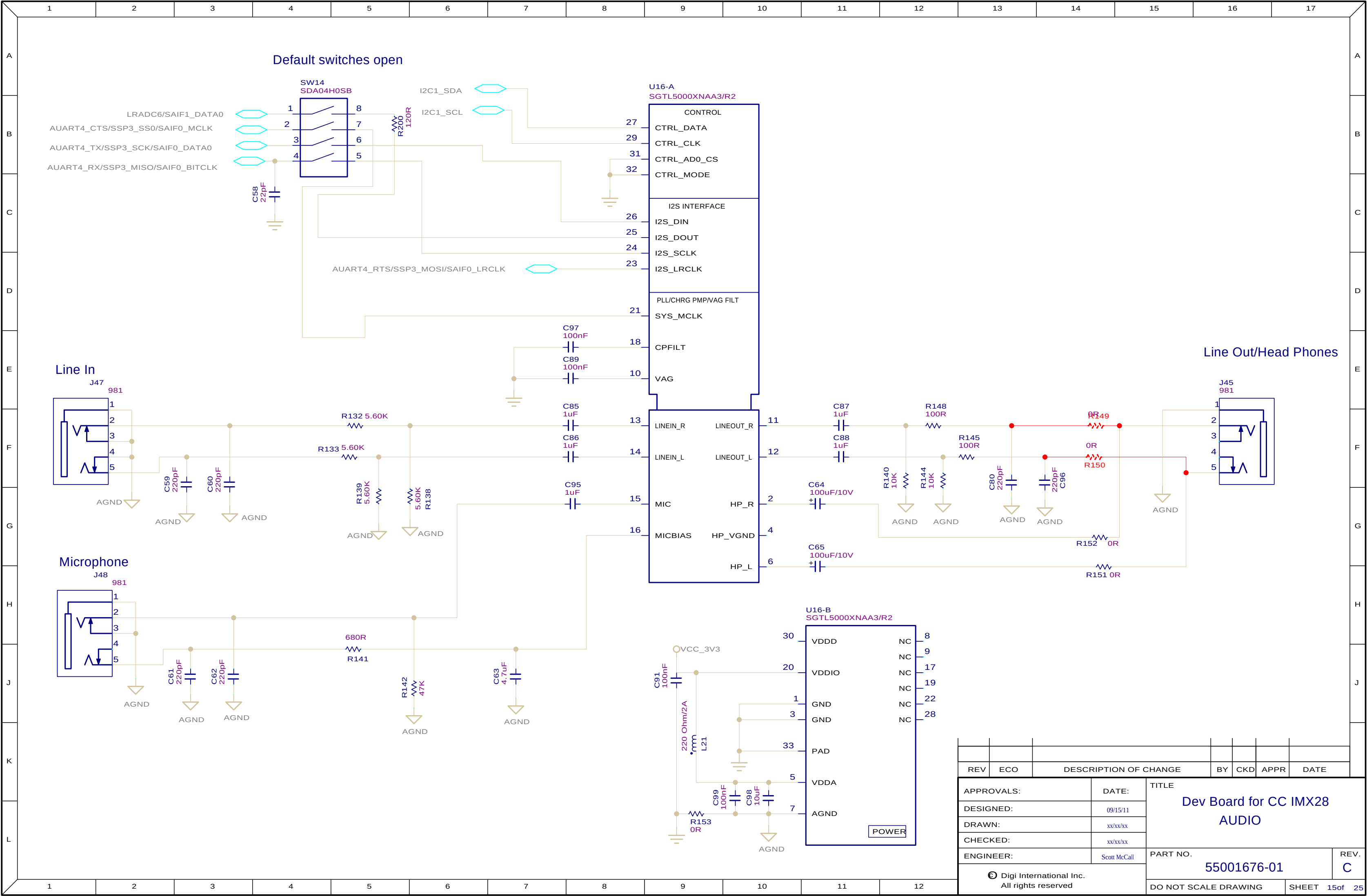
REV	ECO	DESCRIPTION OF CHANGE			BY	CKD	APPR	DATE
APPROVALS:		DATE:		TITLE Dev Board for CC IMX28 AUART4_RS232				
DESIGNED:		09/15/11						
DRAWN:		xx/xx/xx						
CHECKED:		xx/xx/xx						
ENGINEER:		Scott McCall						
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				DO NOT SCALE DRAWING			SHEET 9 of 25	

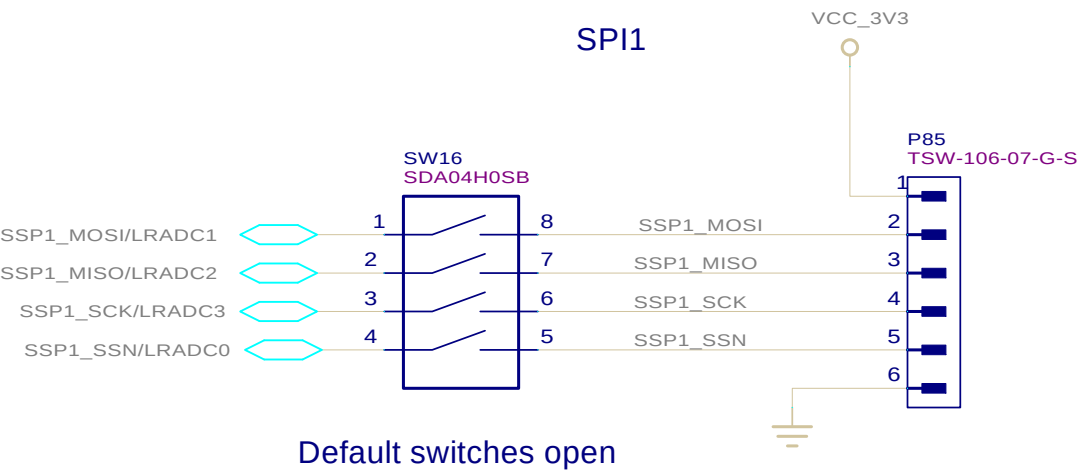




REV	ECO	DESCRIPTION OF CHANGE			BY	CKD	APPR	DATE
APPROVALS:		DATE:		TITLE Dev Board for CC IMX28 UART LEDs				
DESIGNED:		09/15/11						
DRAWN:		xx/xx/xx						
CHECKED:		xx/xx/xx						
ENGINEER:		Scott McCall						
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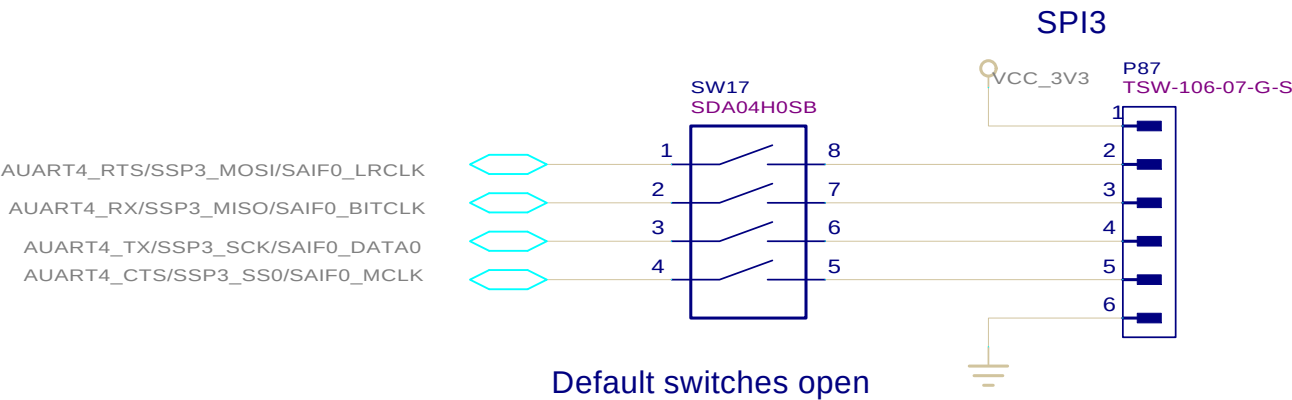




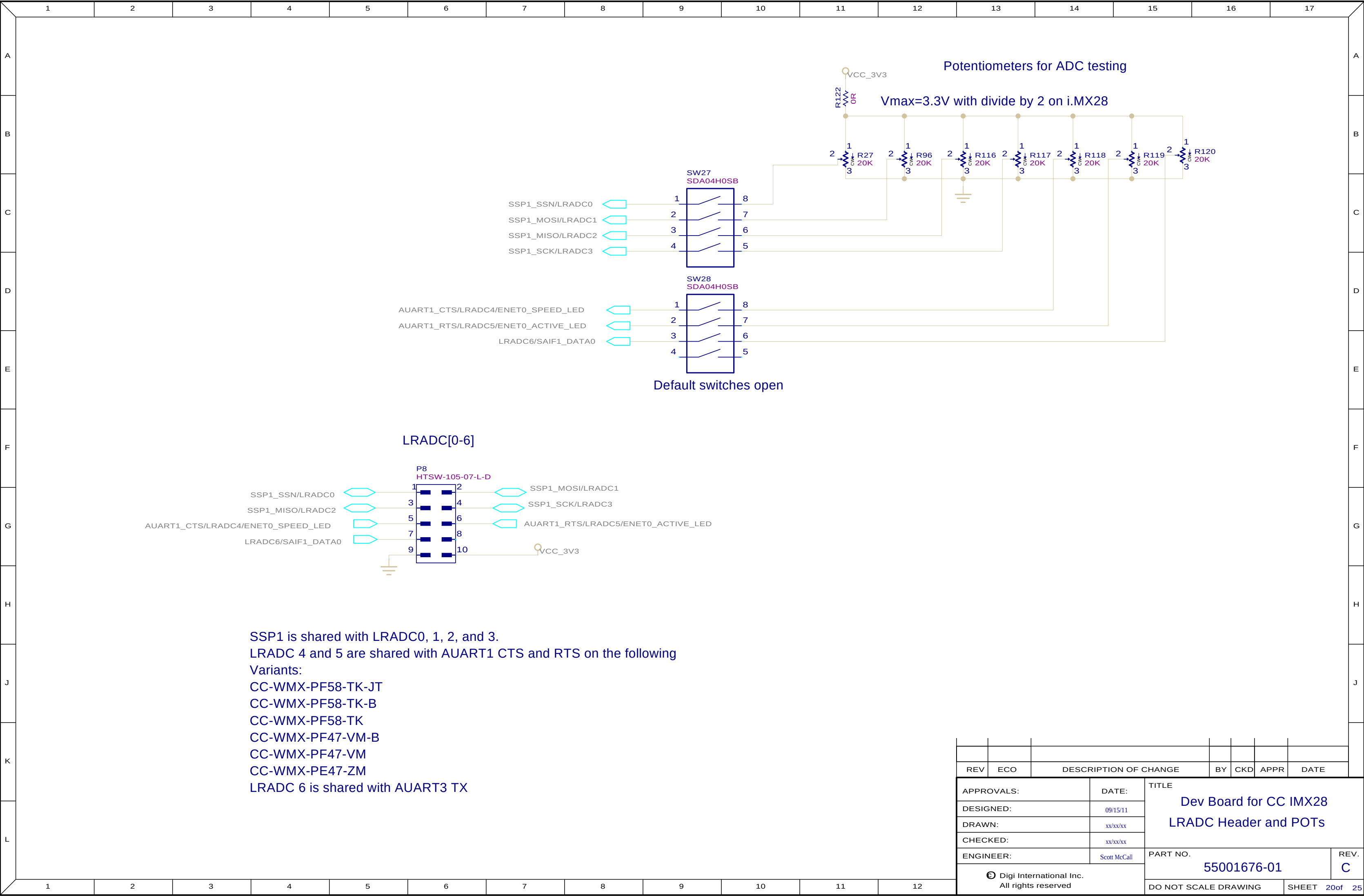


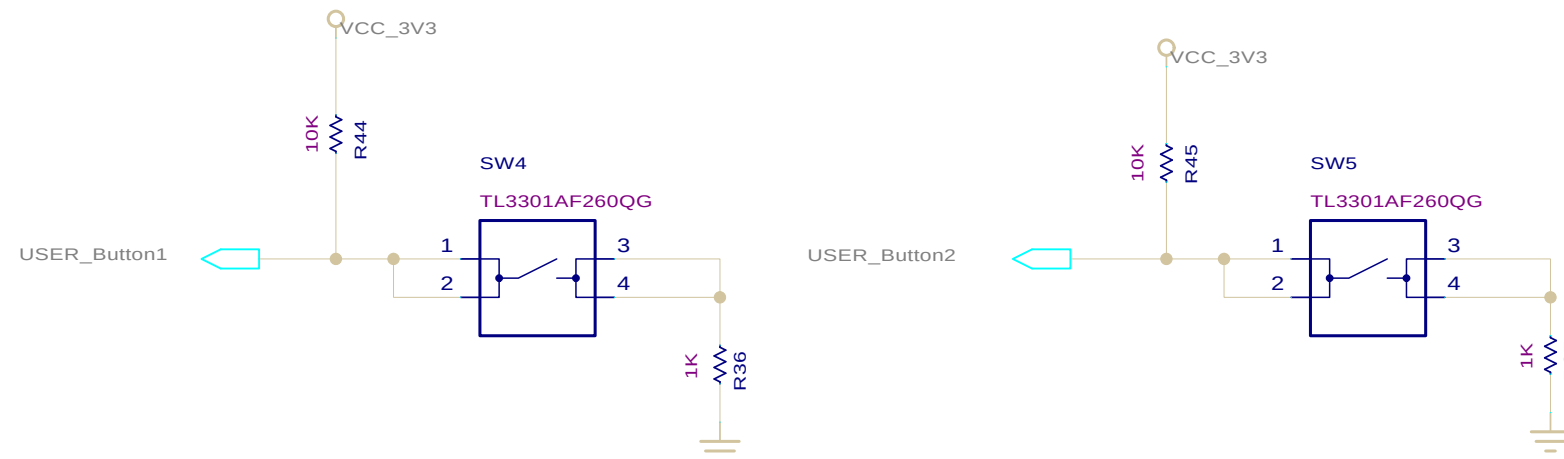
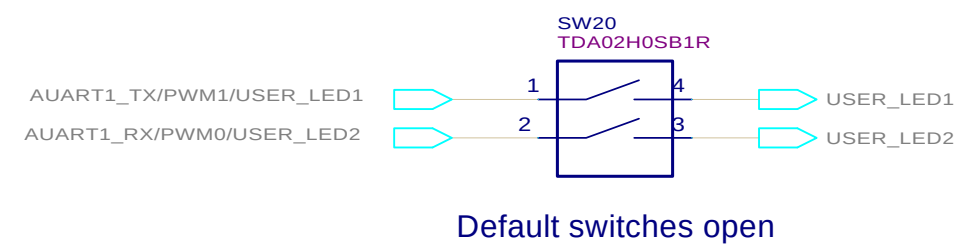
SSP1 is shared with LRADC0, 1, 2, and 3.
LRADC 4 and 5 are shared with AUART1 CTS and RTS on the following
Variants:
CC-WMX-PF58-TK-JT
CC-WMX-PF58-TK-B
CC-WMX-PF58-TK
CC-WMX-PF47-VM-B
CC-WMX-PF47-VM
CC-WMX-PE47-ZM
LRADC 6 is shared with AUART3 TX

SSP3 is shared with AUART4. SSP3 is only available on the following
Variants:
CC-WMX-PF58-TK-JT
CC-WMX-PF58-TK-B
CC-WMX-PF58-TK
CC-WMX-PF47-VM-B
CC-WMX-PF47-VM
CC-WMX-PE47-ZM



REV	ECO	DESCRIPTION OF CHANGE				BY	CKD	APPR	DATE
APPROVALS:		DATE:		TITLE Dev Board for CC IMX28 SPI Headers					
DESIGNED:		09/15/11							
DRAWN:		xx/xx/xx							
CHECKED:		xx/xx/xx							
ENGINEER:		Scott McCall		PART NO. 55001676-01					REV. C
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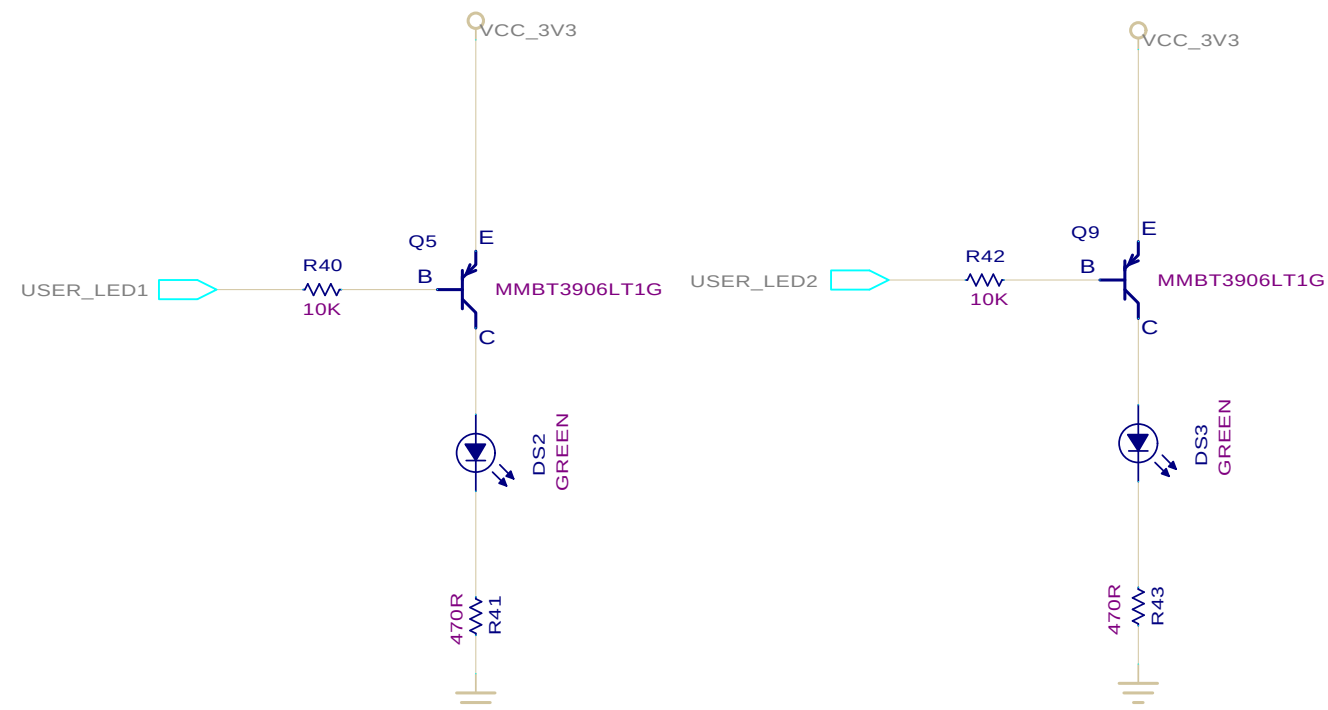




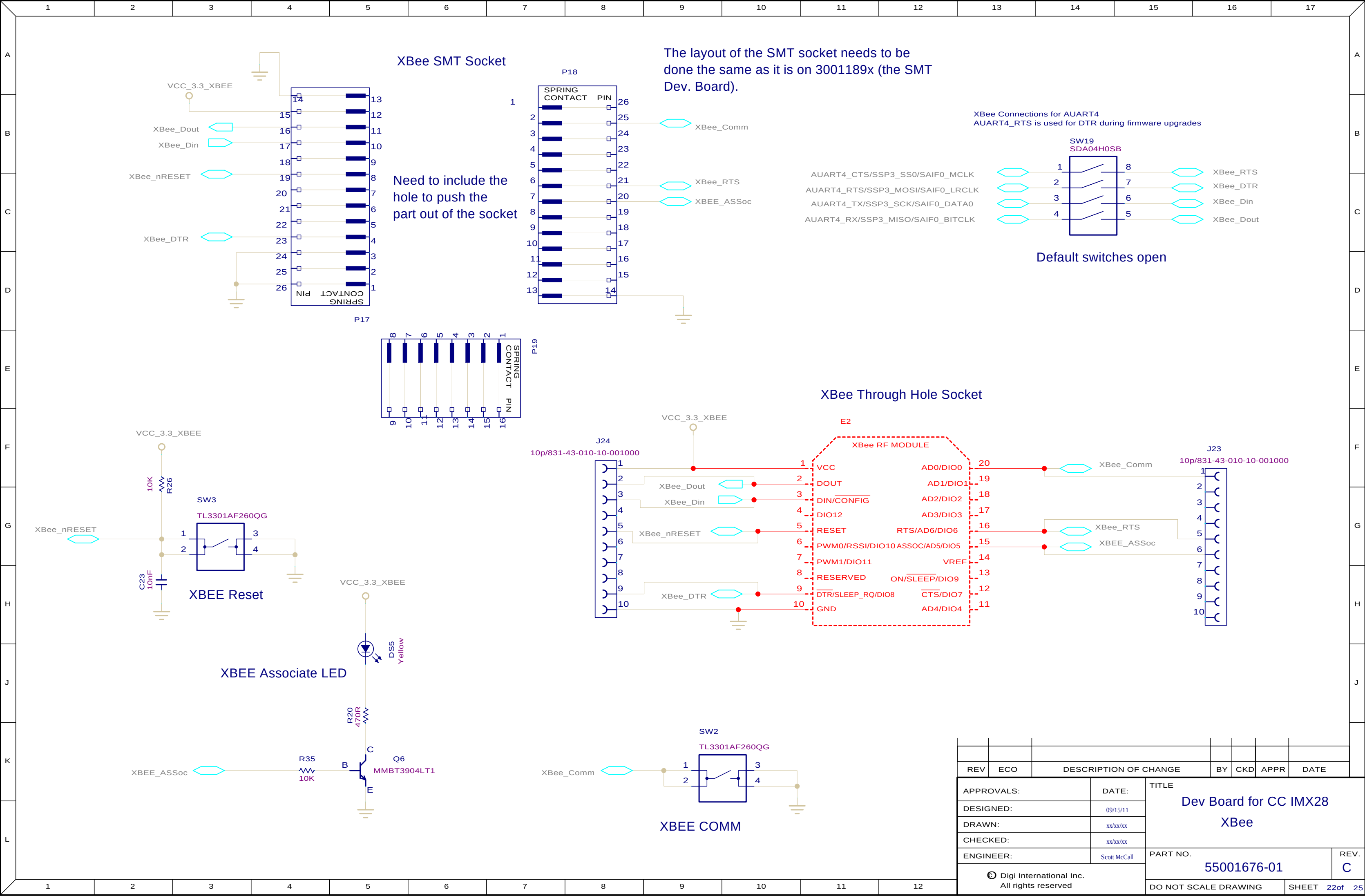
User Buttons

These connections come through AUART2_RTS, and SSP0_CARD_DETECT

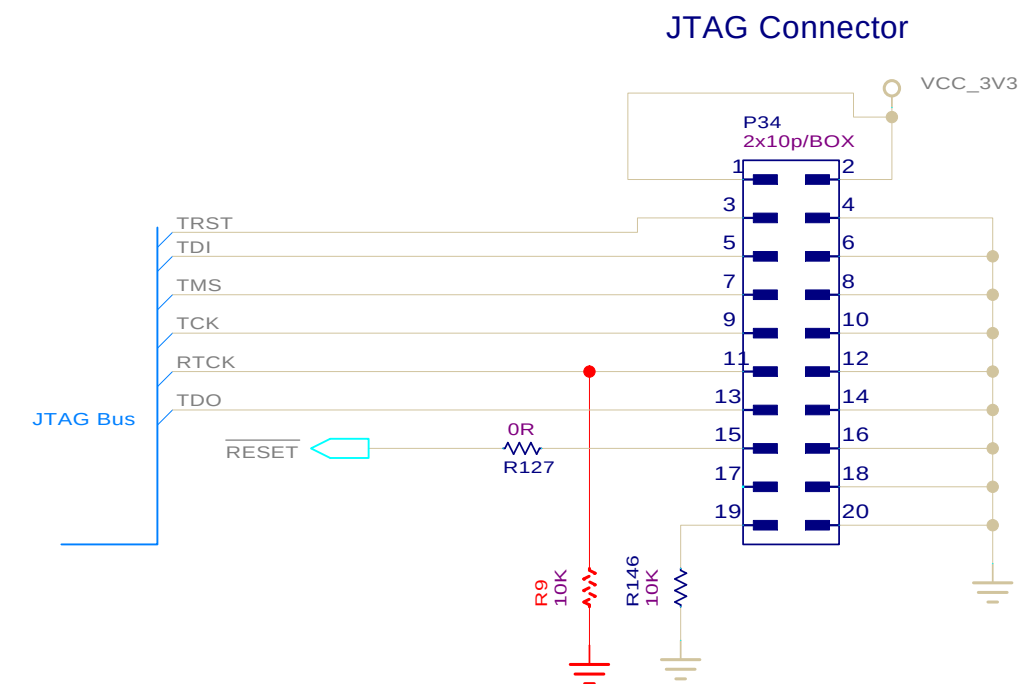
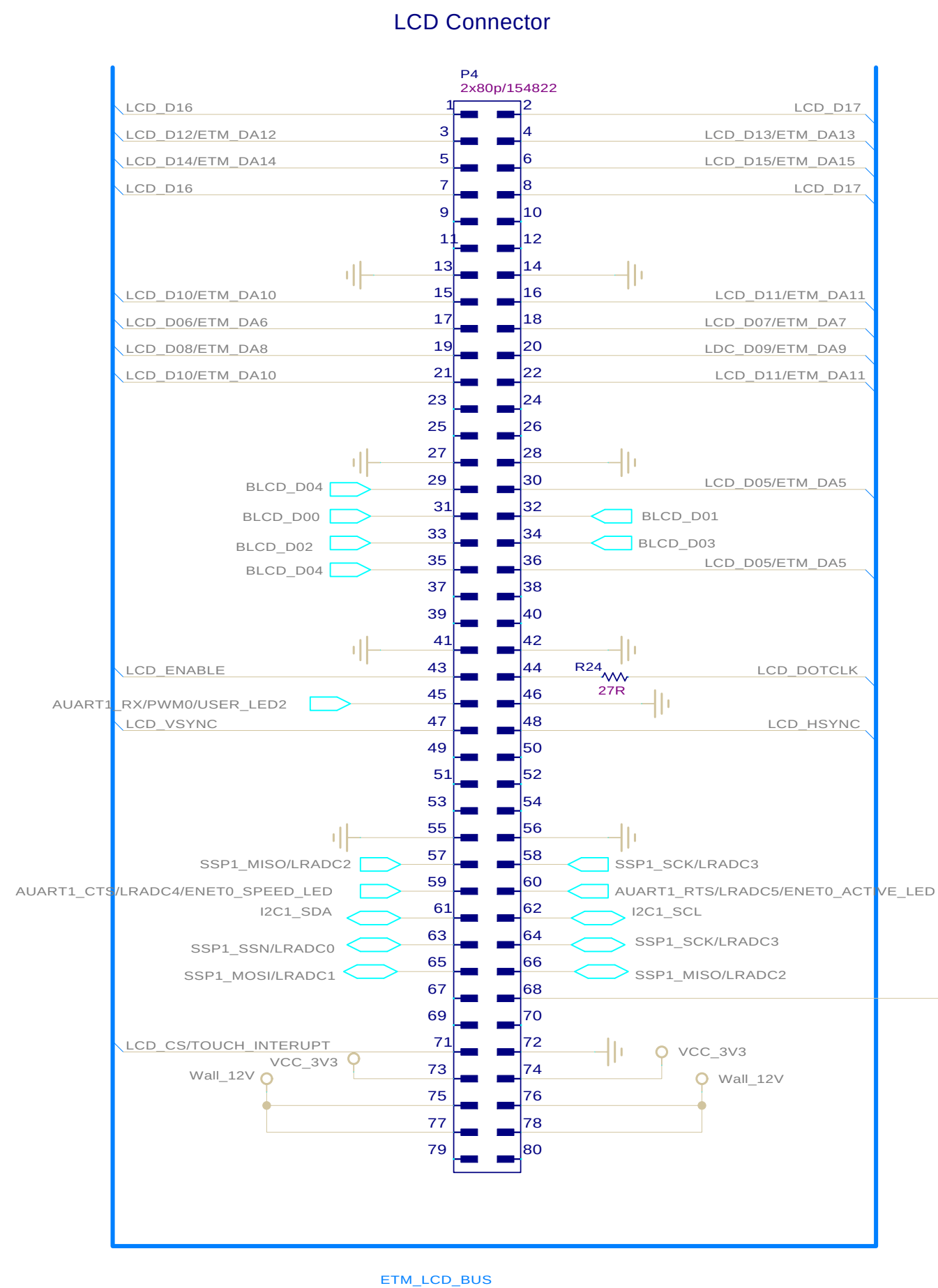
User LEDs
Connected to UART4_CTS and UART4_RTS (PWM3 and PWM5 respectively)



REV	ECO	DESCRIPTION OF CHANGE	BY	CKD	APPR	DATE	
APPROVALS:		DATE:	TITLE Dev Board for CC IMX28 User LEDs and Buttons				
DESIGNED:		09/15/11					
DRAWN:		xx/xx/xx					
CHECKED:		xx/xx/xx					
ENGINEER:		Scott McCall					
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REV	ECO	DESCRIPTION OF CHANGE			BY	CKD	APPR	DATE
APPROVALS:		DATE:		TITLE Dev Board for CC IMX28 XBee				
DESIGNED:		09/15/11						
DRAWN:		xx/xx/xx						
CHECKED:		xx/xx/xx						
ENGINEER:		Scott McCall						
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				DO NOT SCALE DRAWING			SHEET 22of 25	

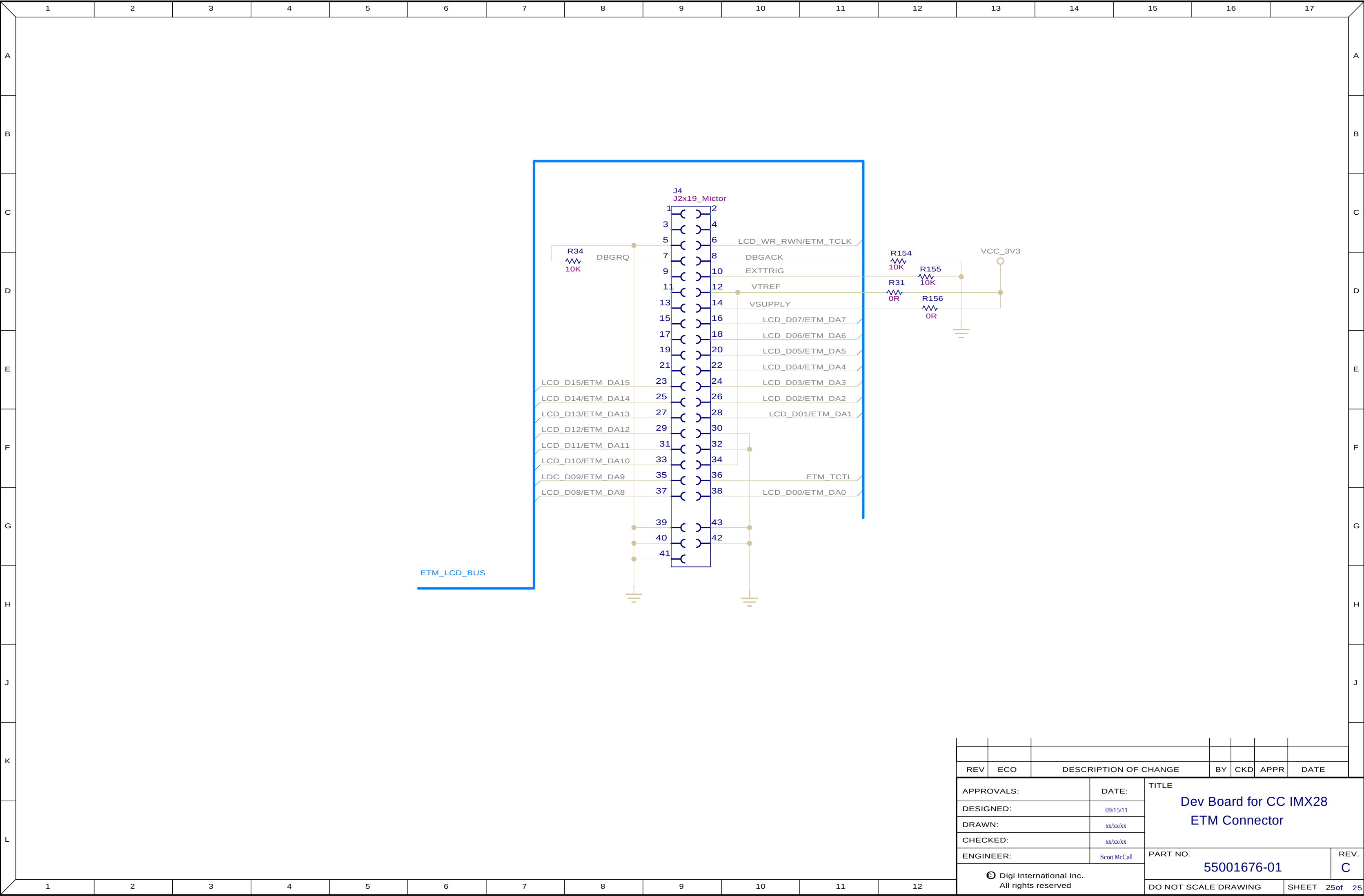


SSP1 is used for Touch Screen and SPI functions

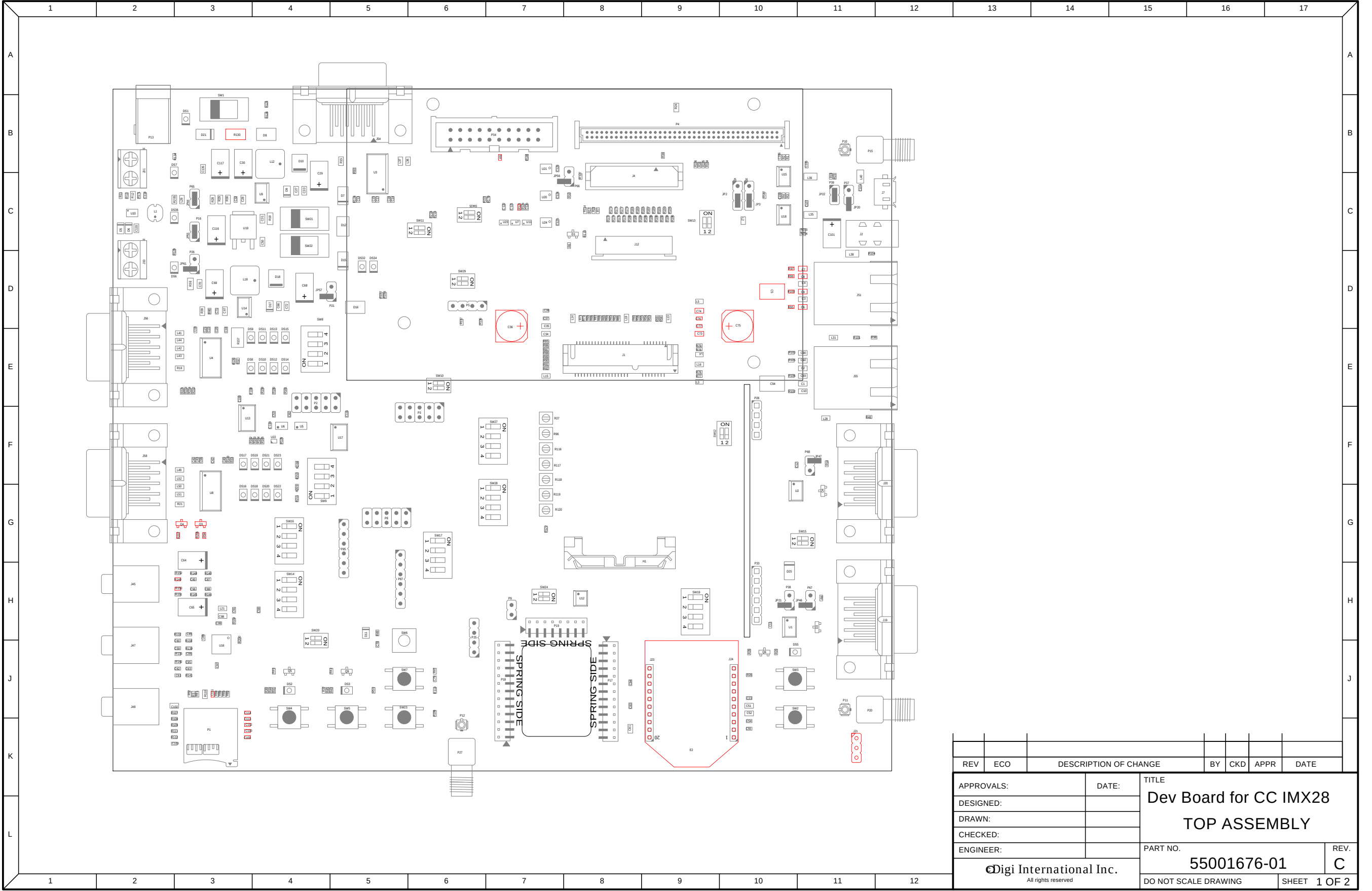
Pin	Function
57	LRADC2
58	LRADC3
63	SSP1_SSN
64	SSP1_SK
65	SSP1_MOSI
66	SSP1_MISO

CPU or SPI Touch Screen
Jumper open CPU Touch Controller
Jumper Shorted SPI Touch Controller

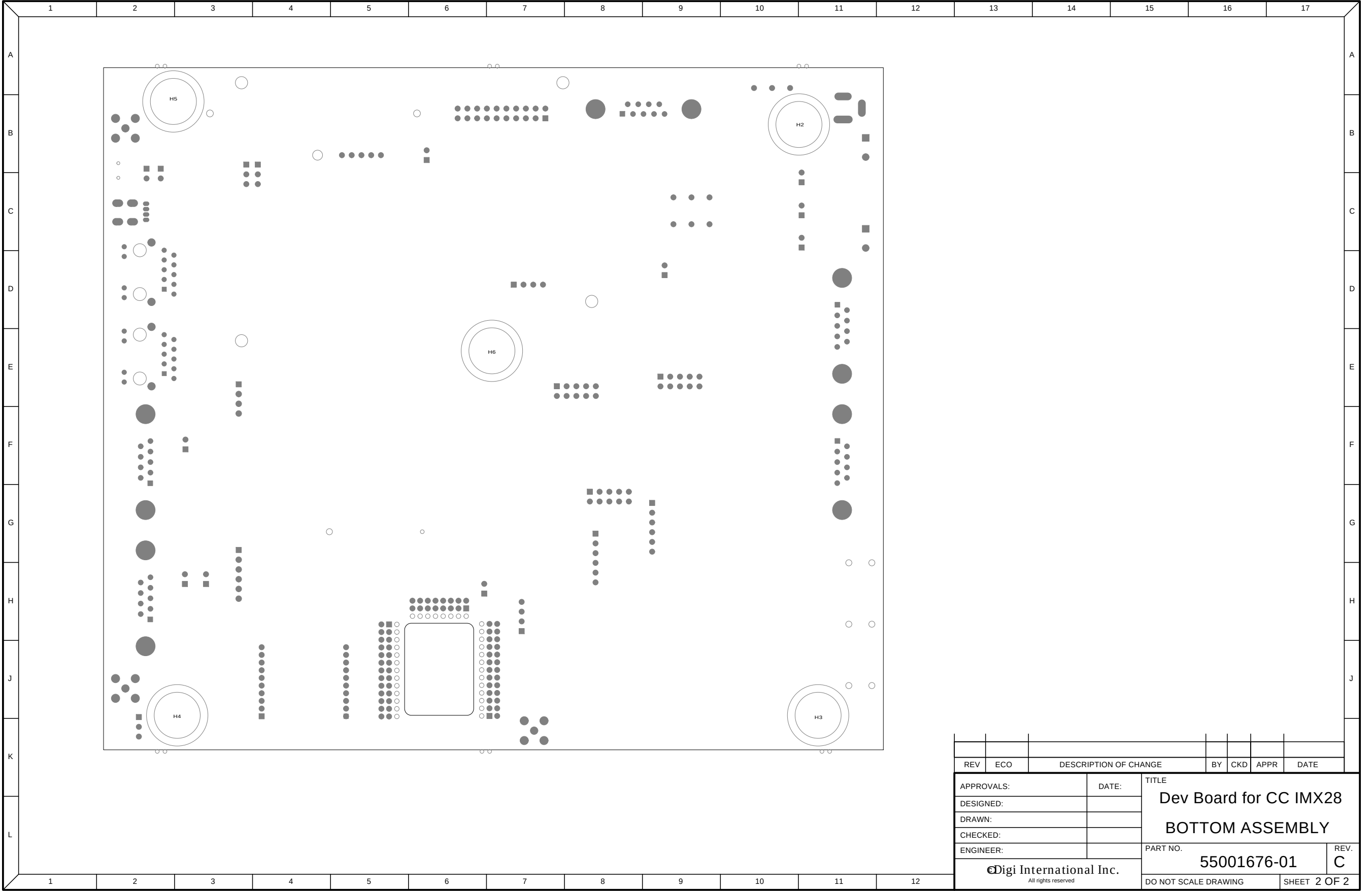
REV	ECO	DESCRIPTION OF CHANGE	BY	CKD	APPR	DATE	
APPROVALS:		DATE:	TITLE Dev Board for CC IMX28 LCD and JTAG				
DESIGNED:		09/15/11					
DRAWN:		xx/xx/xx					
CHECKED:		xx/xx/xx					
ENGINEER:		Scott McCall					
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REV	ECO	DESCRIPTION OF CHANGE			BY	CKD	APPR	DATE
APPROVALS:		DATE:		TITLE Dev Board for CC IMX28 ETM Connector				
DESIGNED:		09/15/11						
DRAWN:		xx/xx/xx						
CHECKED:		xx/xx/xx						
ENGINEER:		Scott McCall		PART NO. 55001676-01				REV. C
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REV	ECO	DESCRIPTION OF CHANGE			BY	CKD	APPR	DATE
APPROVALS:		DATE:		TITLE Dev Board for CC IMX28 TOP ASSEMBLY				
DESIGNED:								
DRAWN:								
CHECKED:								
ENGINEER:								
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REV	ECO	DESCRIPTION OF CHANGE			BY	CKD	APPR	DATE
APPROVALS:		DATE:		TITLE Dev Board for CC IMX28 BOTTOM ASSEMBLY				
DESIGNED:								
DRAWN:								
CHECKED:								
ENGINEER:								
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