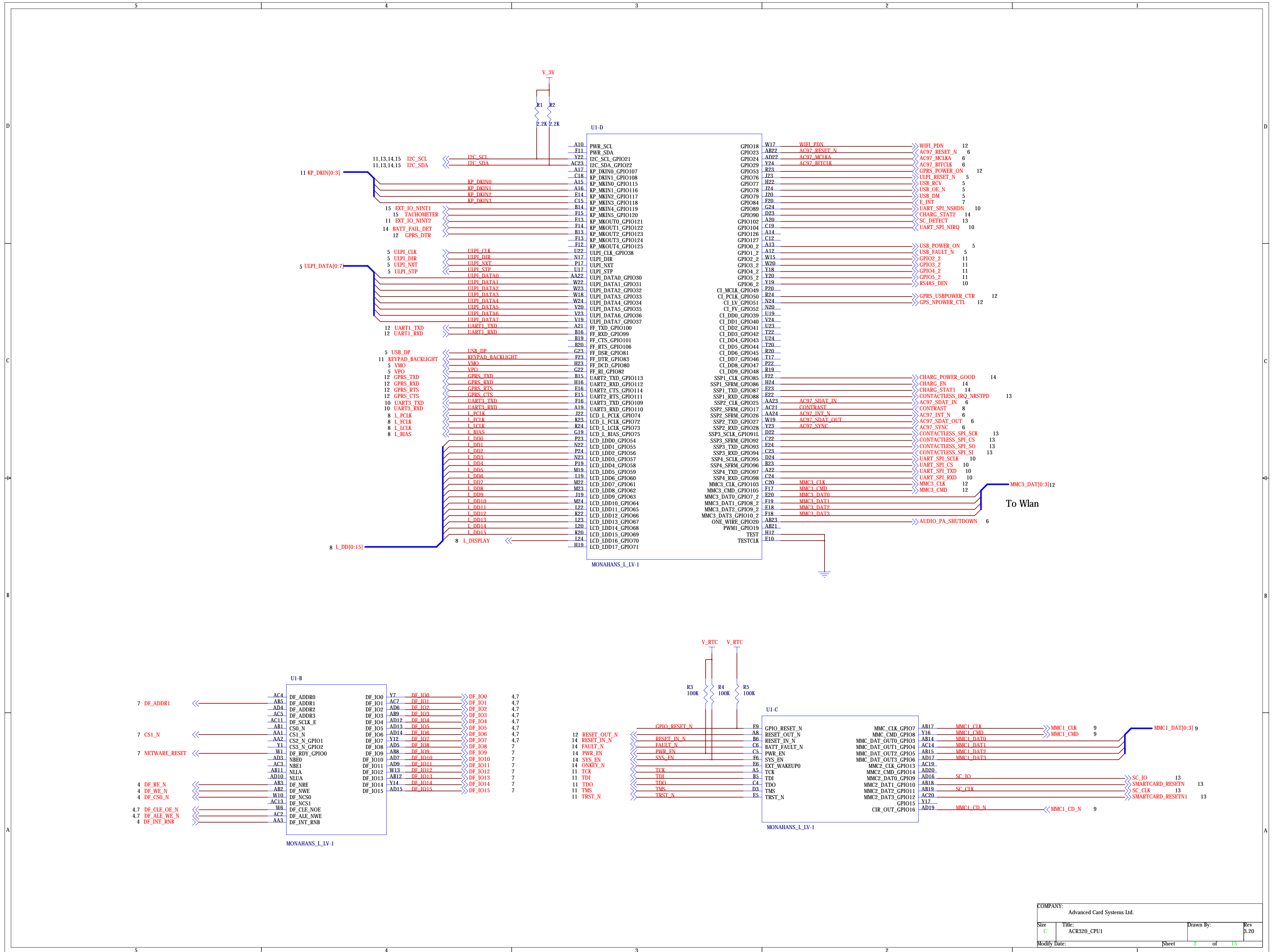
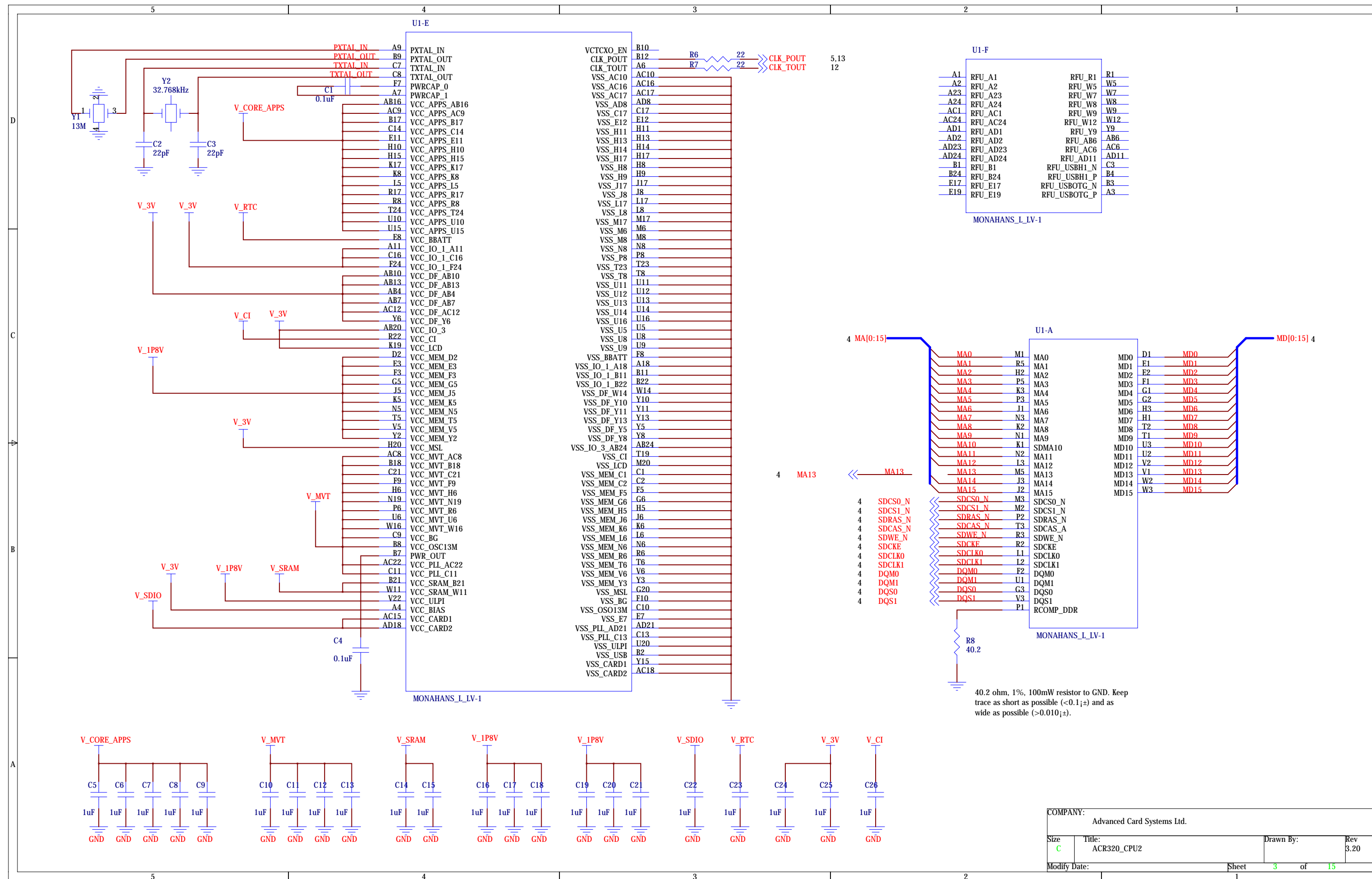


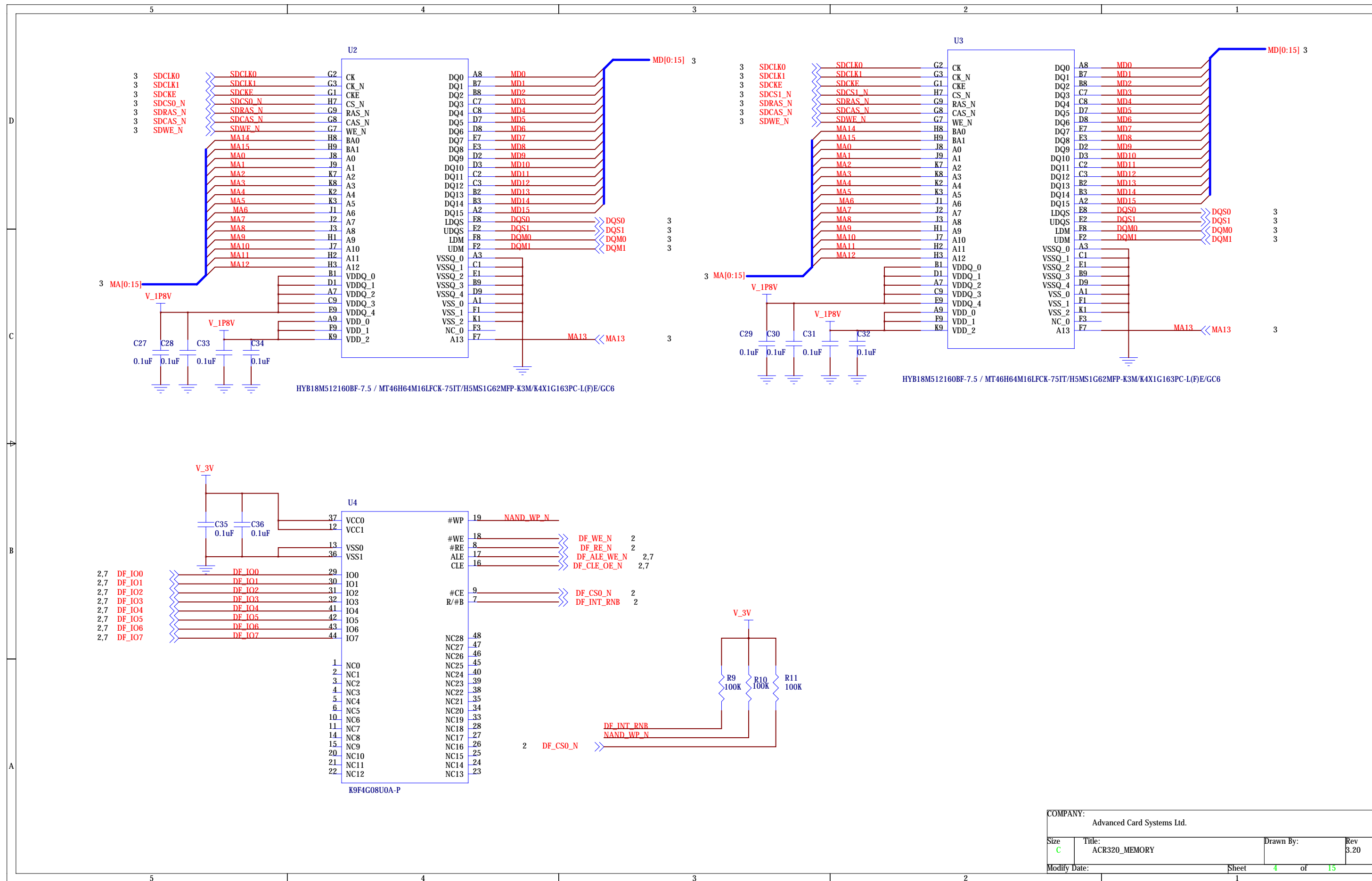
ACR320_Revision

Rev	By	PCB Rev	Changes
3.10	Conan	ACR320_MainBoard REV 3.10	
4.00		ACR320_MainBoard REV 4.00	1.Add test point to J19,J20; 2.Add test point to J10; 3.Add Single-SAM connector J6,J23,J24,J25 and related resisters and capacitors; 4.Connect PIN3 of J17 to external power supply; 5.Change the type of D7,D8 to SM54817PL and package to SOD123LF; 6.Modify the signal pins of J18; 7.Change the type of LSW1,LSW2,LSW5 to VLF4012AT-2R2M1R5; 8.Change the type of LSW3,LSW4,LSW16 to VLF4012AT-4R7M1R1; 9.Change the type of L5,L6,L7,L9,L10 to VLF4012AT-100MR79; 10.Change C148 to a 10uF/100V Electrolytic capacitor.

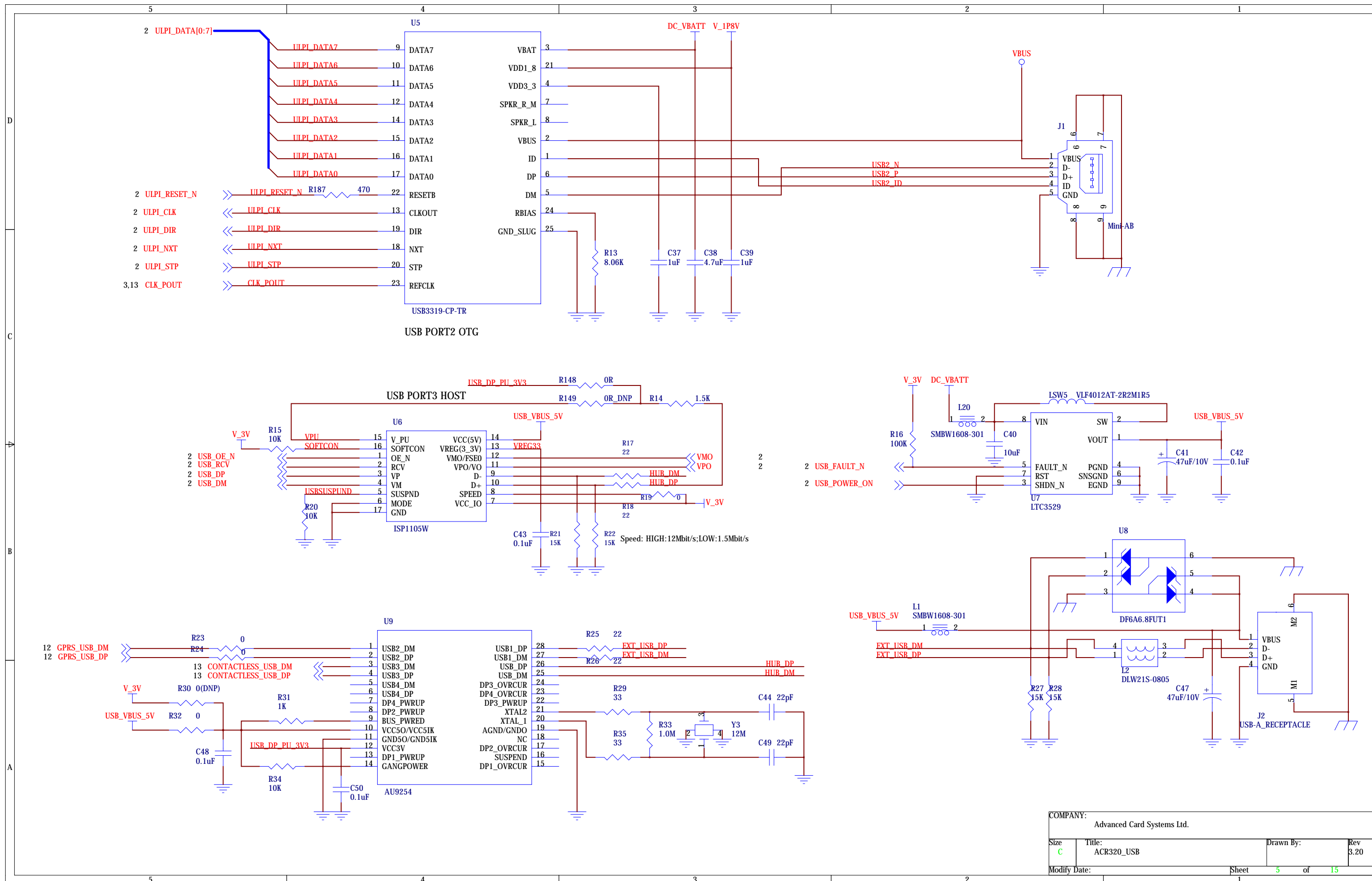
COMPANY: Advanced Card Systems Ltd.			
Size C	Title: ACR320_Revision	Drawn By:	Rev 3.20
Modify Date:	Sheet 1 of 15		

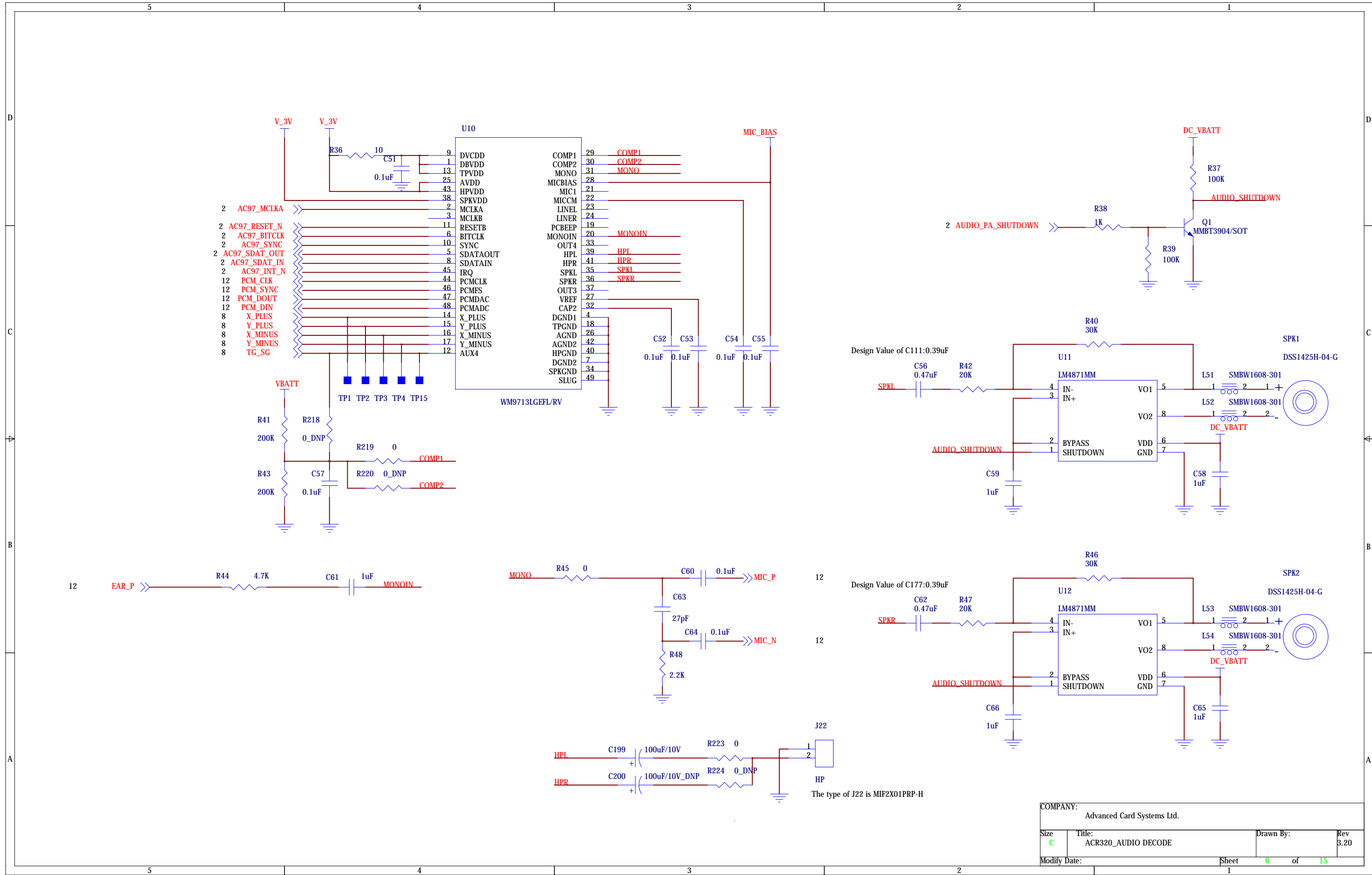


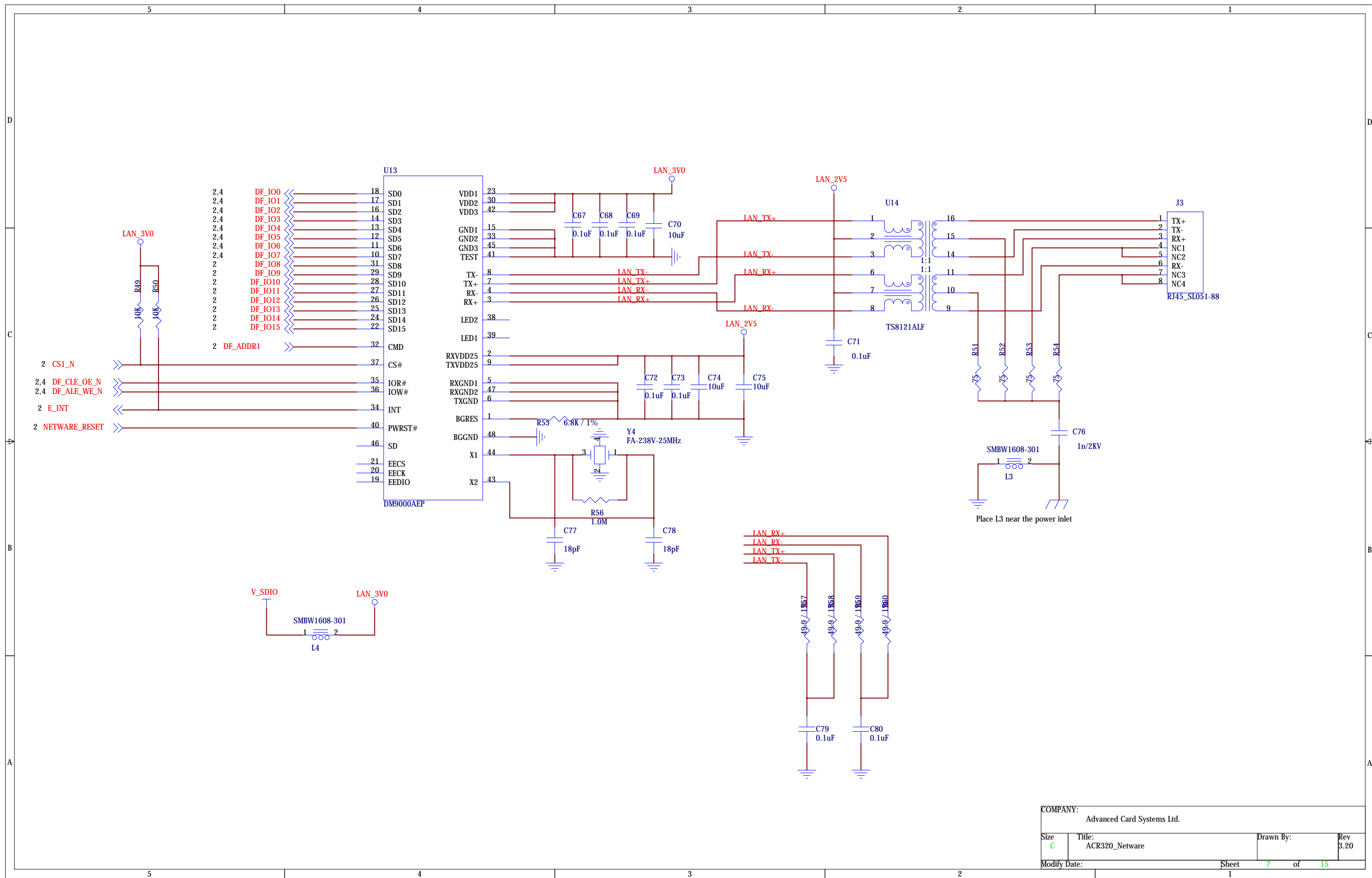




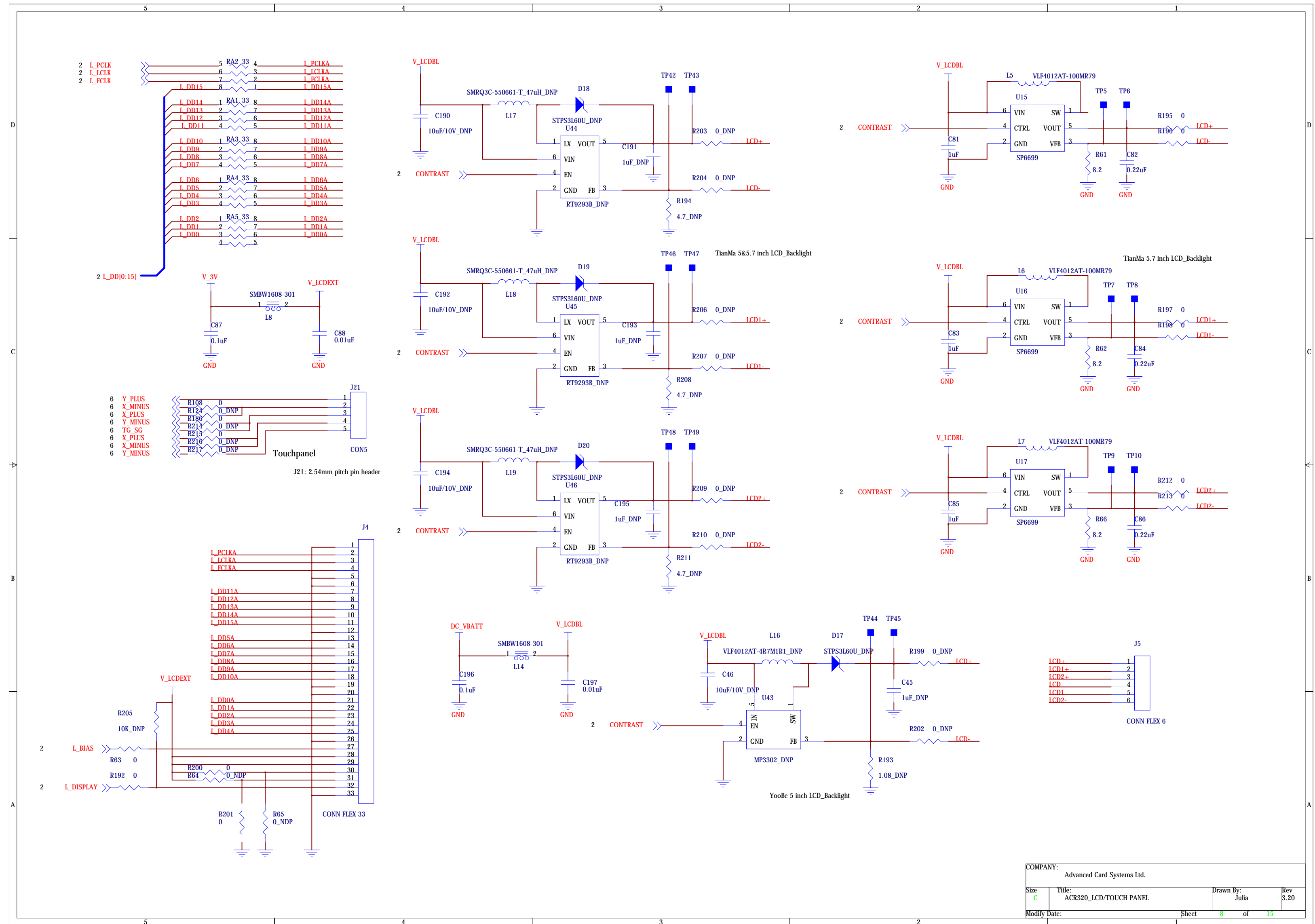
COMPANY:			
Advanced Card Systems Ltd.			
Size	Title:	Drawn By:	Rev
C	ACR320_MEMORY		3.20
Modify Date:		Sheet	4 of 15

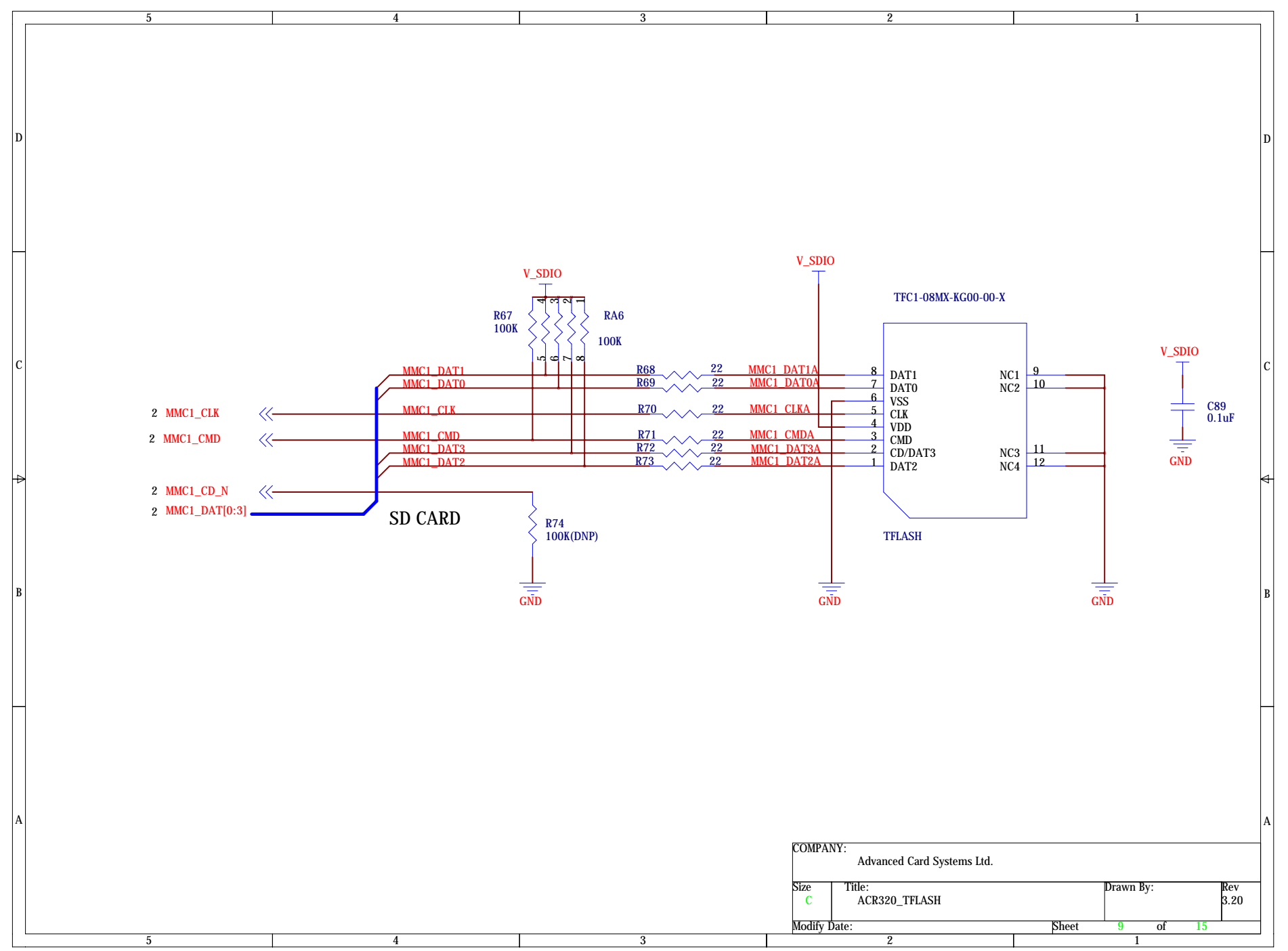




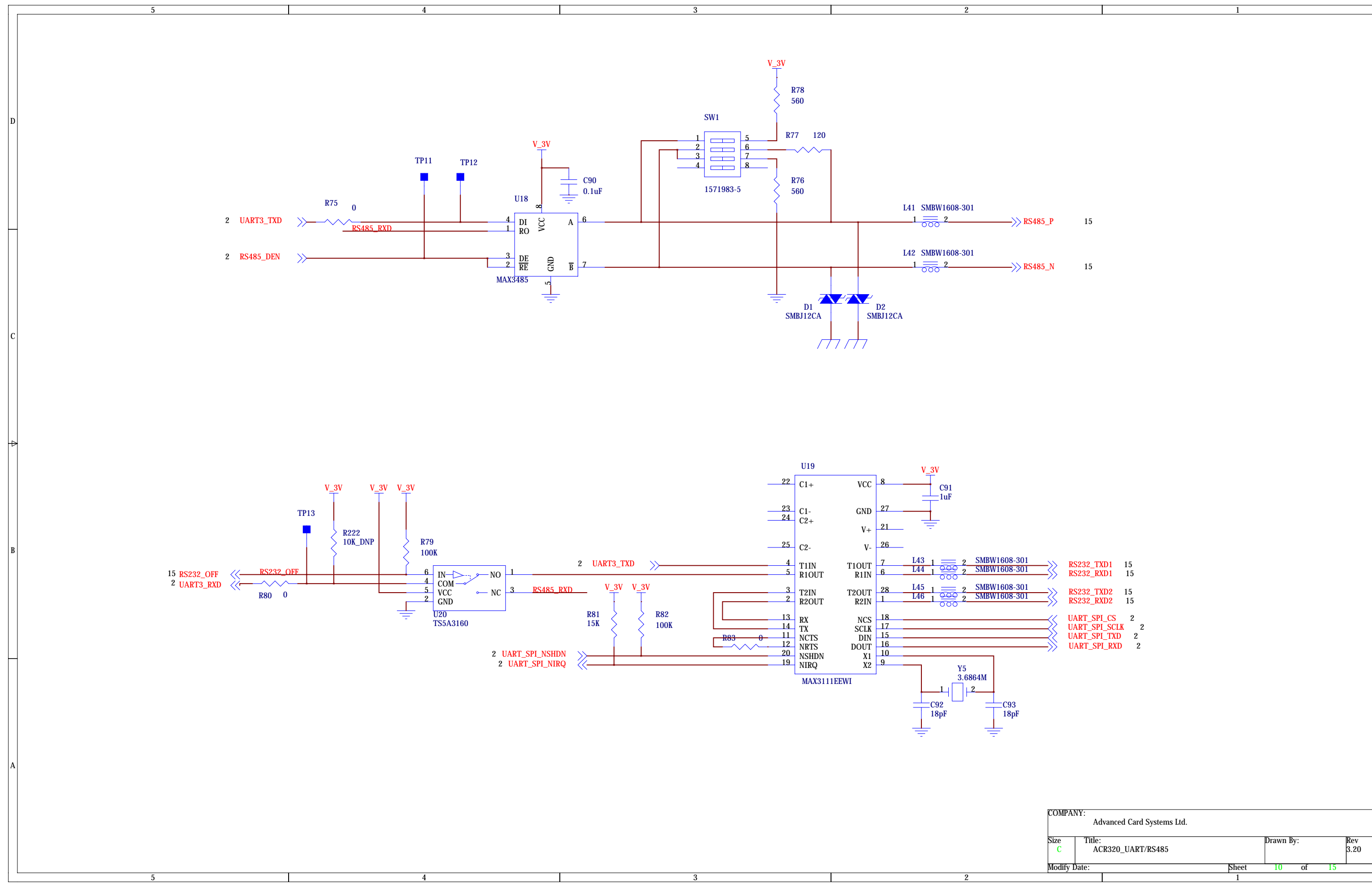


COMPANY:			
Advanced Card Systems Ltd.			
Size	Title:	Drawn By:	Rev
C	ACR320_Netware		3.20
Modify Date:		Sheet	7 of 15

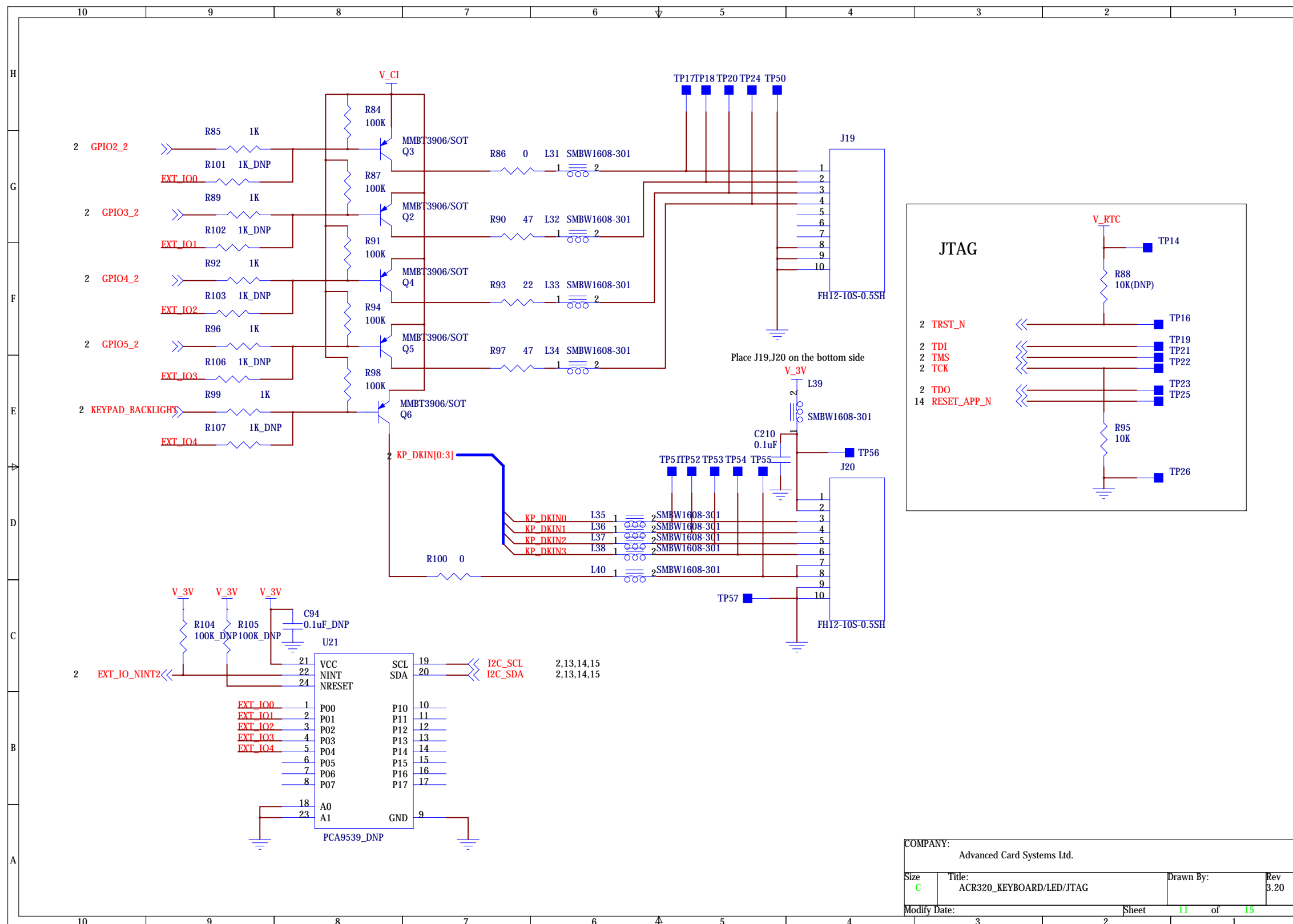


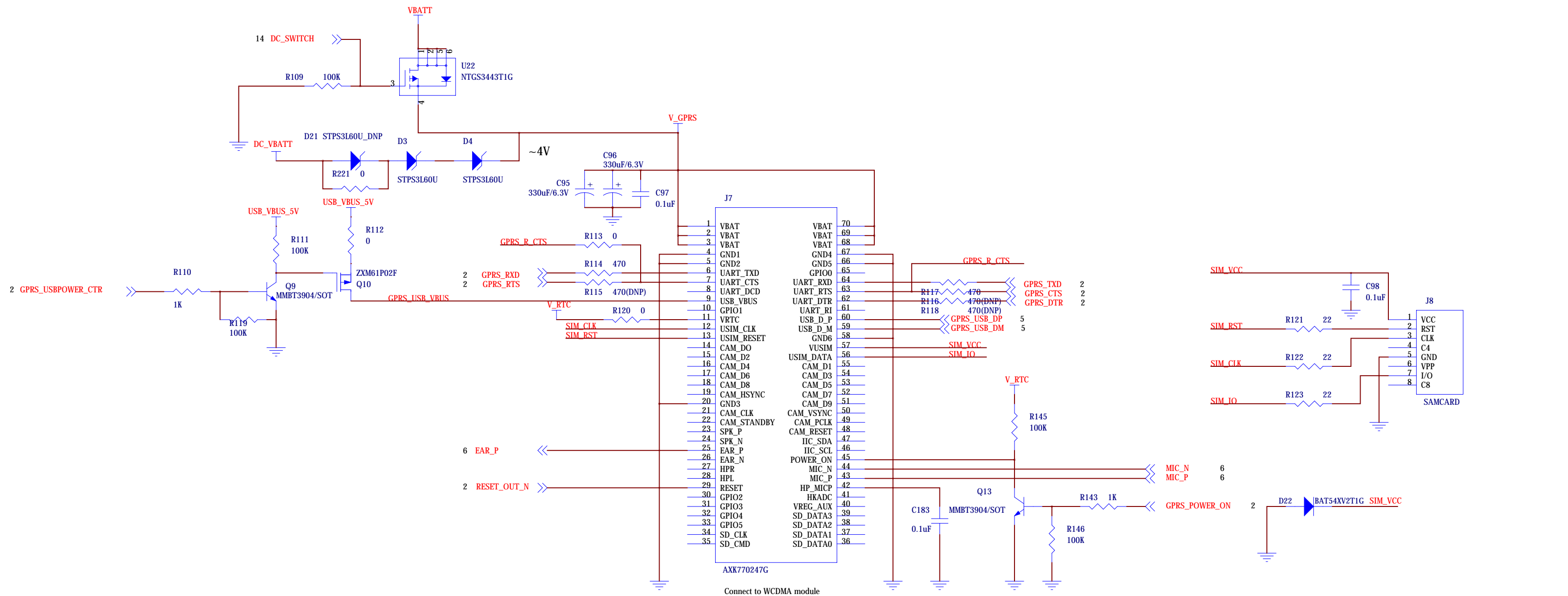


COMPANY: Advanced Card Systems Ltd.			
Size: C	Title: ACR320_TFLASH	Drawn By:	Rev: 3.20
Modify Date:	Sheet: 9	of: 15	

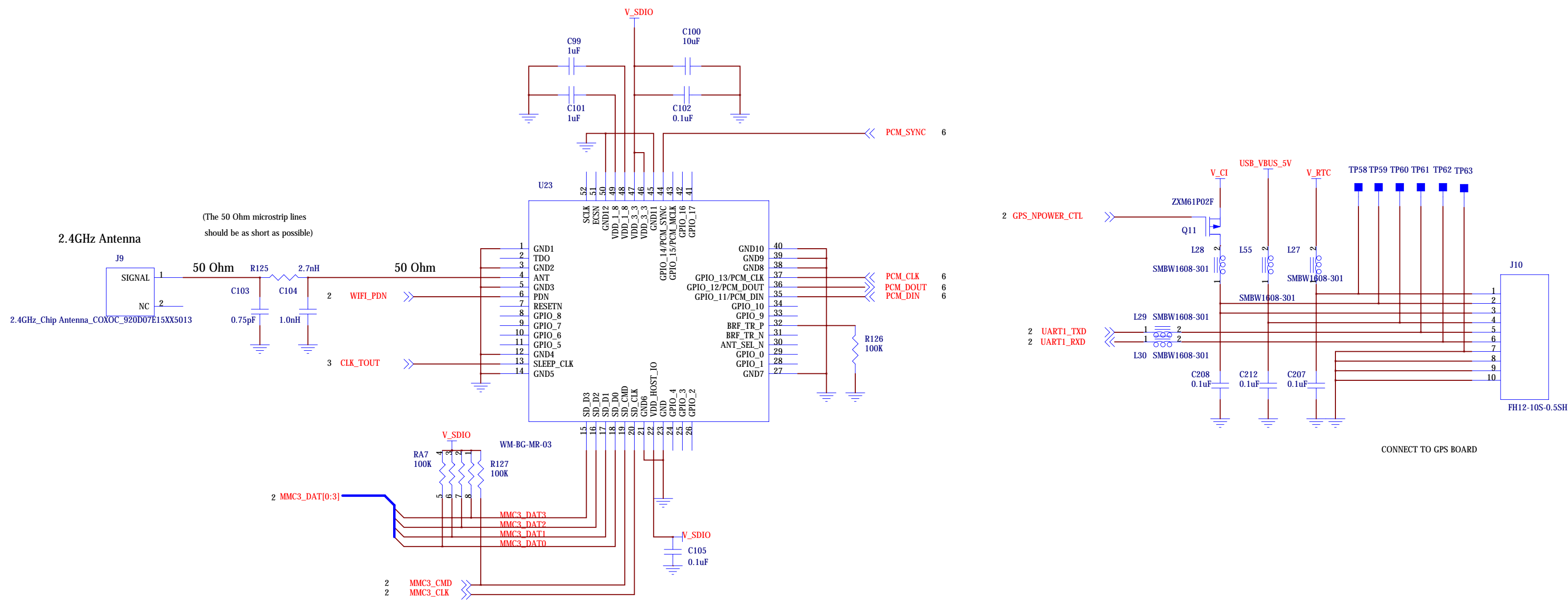


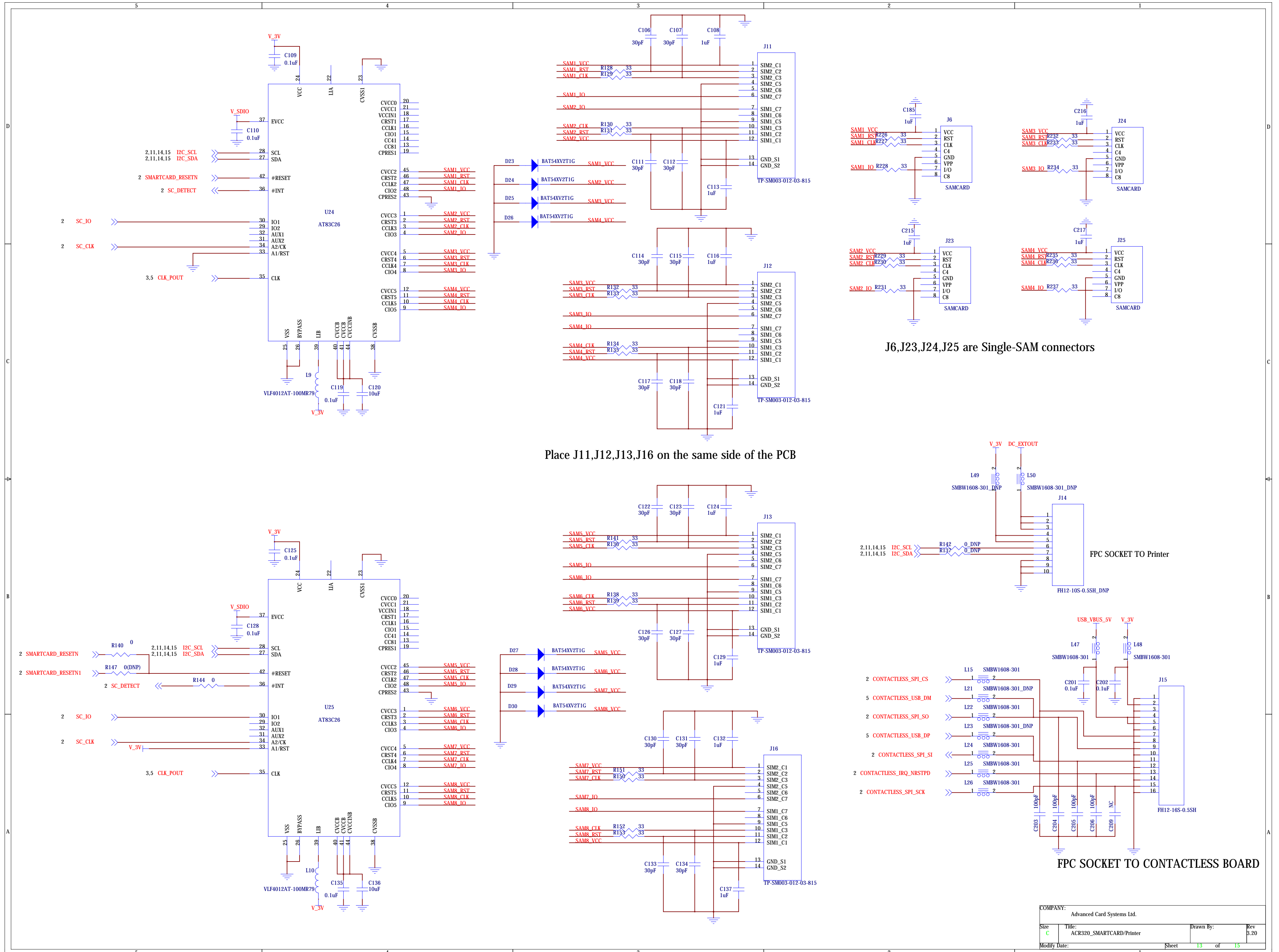
COMPANY: Advanced Card Systems Ltd.			
Size: C	Title: ACR320_UART/RS485	Drawn By:	Rev: 3.20
Modify Date:	Sheet: 10	of: 15	1

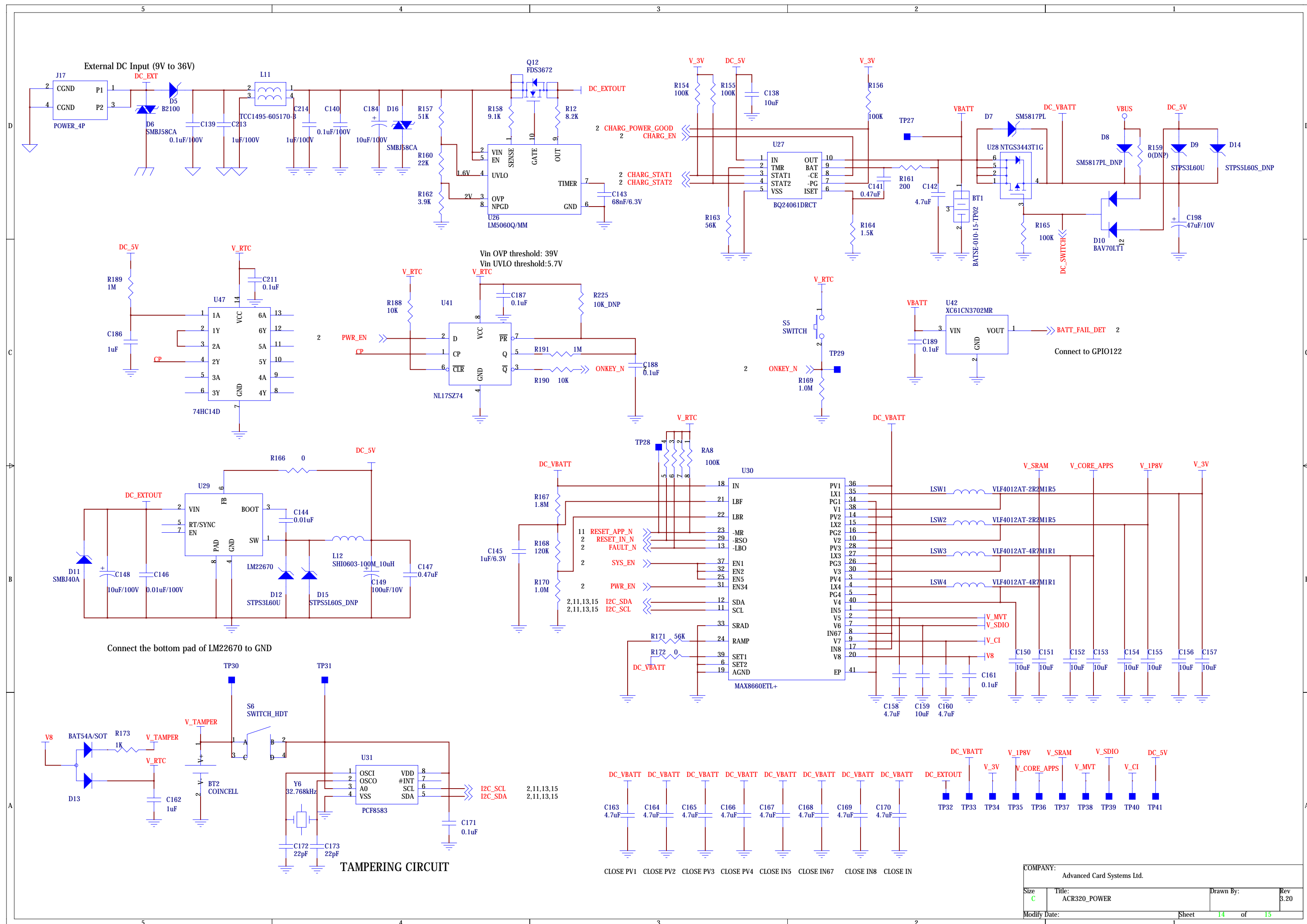




Connect to WCDMA module







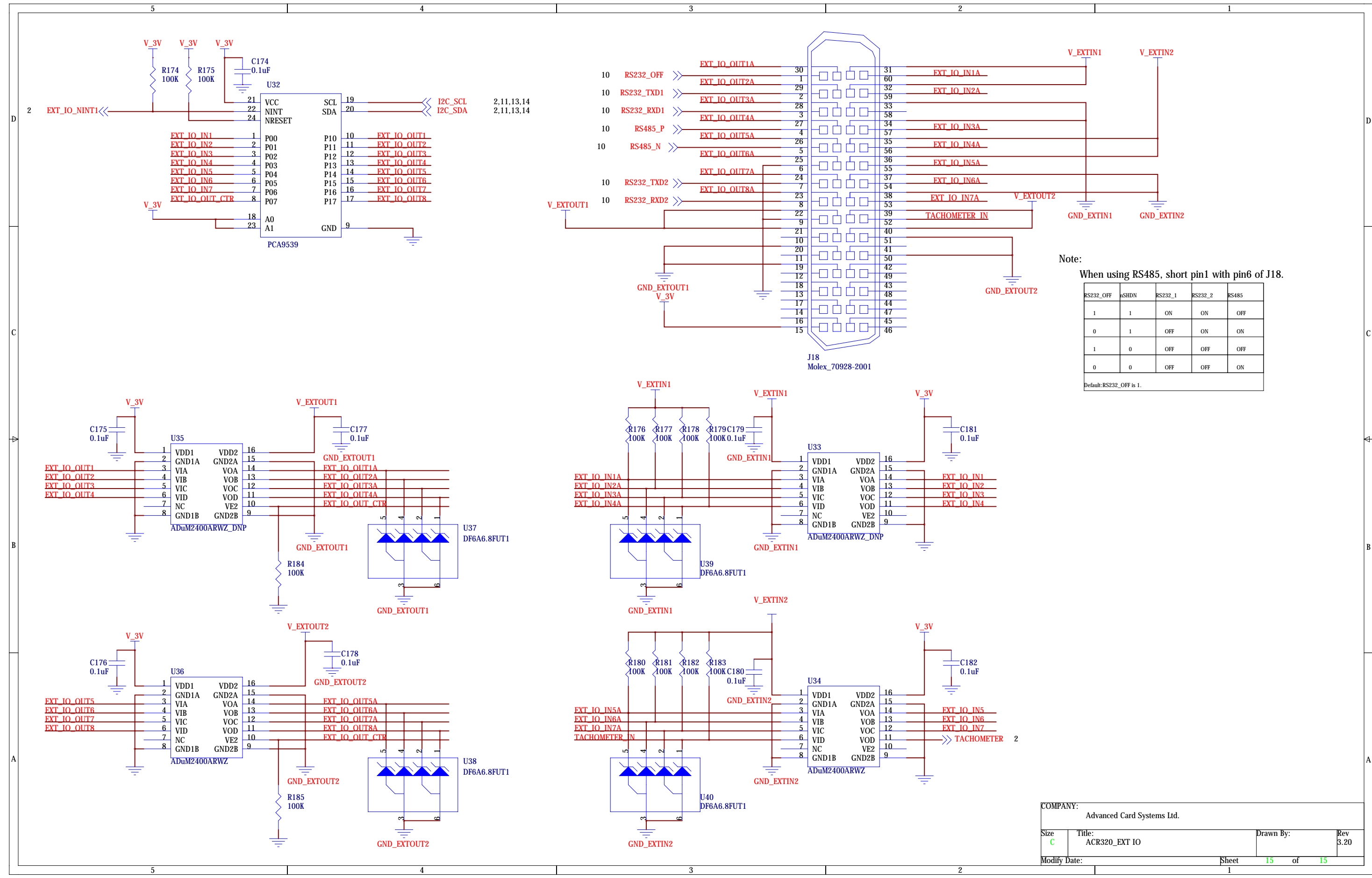
External DC Input (9V to 36V)

Vin OVP threshold: 39V
Vin UVLO threshold: 5.7V

Connect the bottom pad of LM22670 to GND

TAMPERING CIRCUIT

COMPANY: Advanced Card Systems Ltd.			
Size: C	Title: ACR320_POWER	Drawn By:	Rev: 3.20
Modify Date:	Sheet: 14	of:	15



Note:
When using RS485, short pin1 with pin6 of J18.

RS232_OFF	ASHDN	RS232_1	RS232_2	RS485
1	1	ON	ON	OFF
0	1	OFF	ON	ON
1	0	OFF	OFF	OFF
0	0	OFF	OFF	ON

Default RS232_OFF is 1.