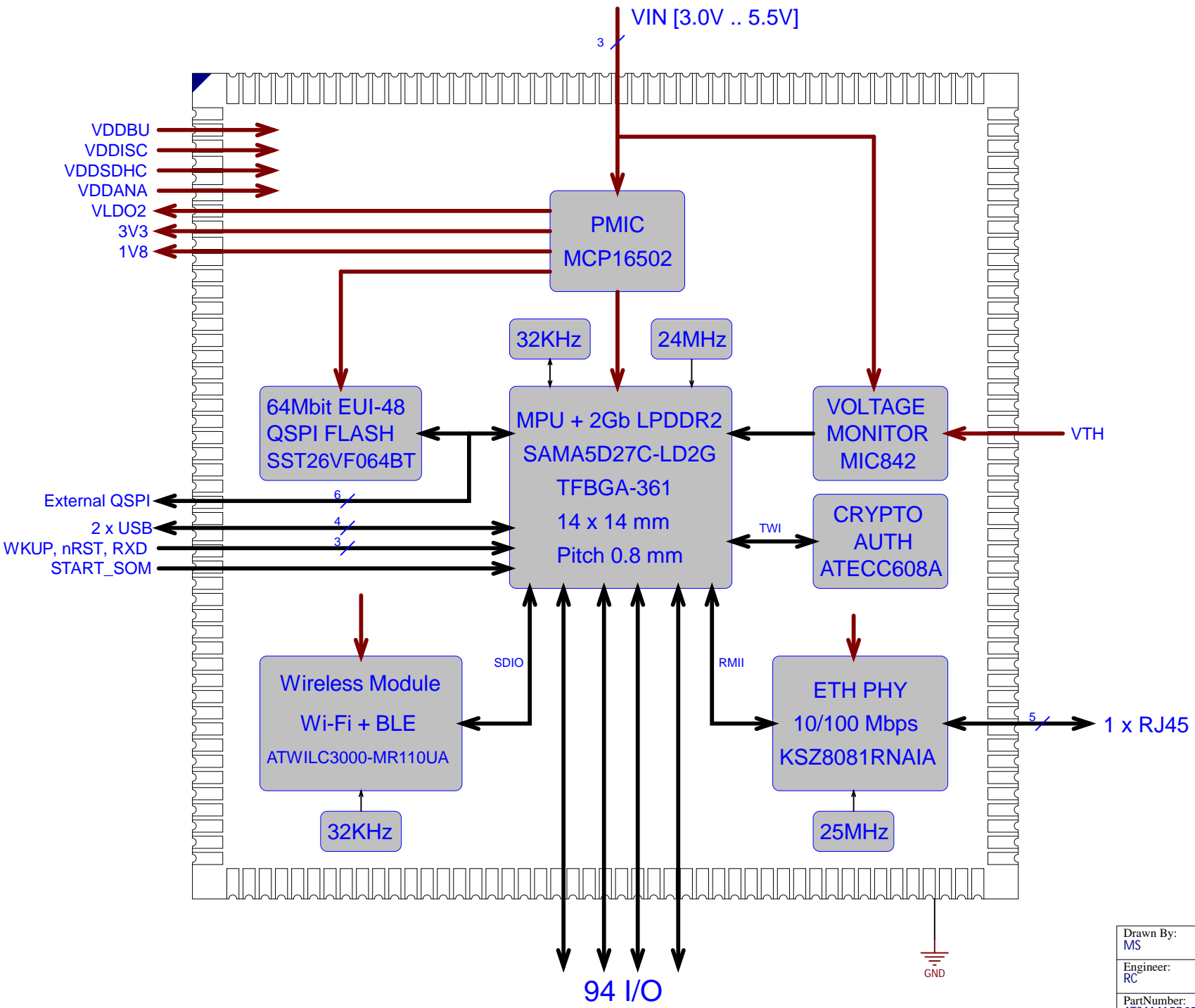


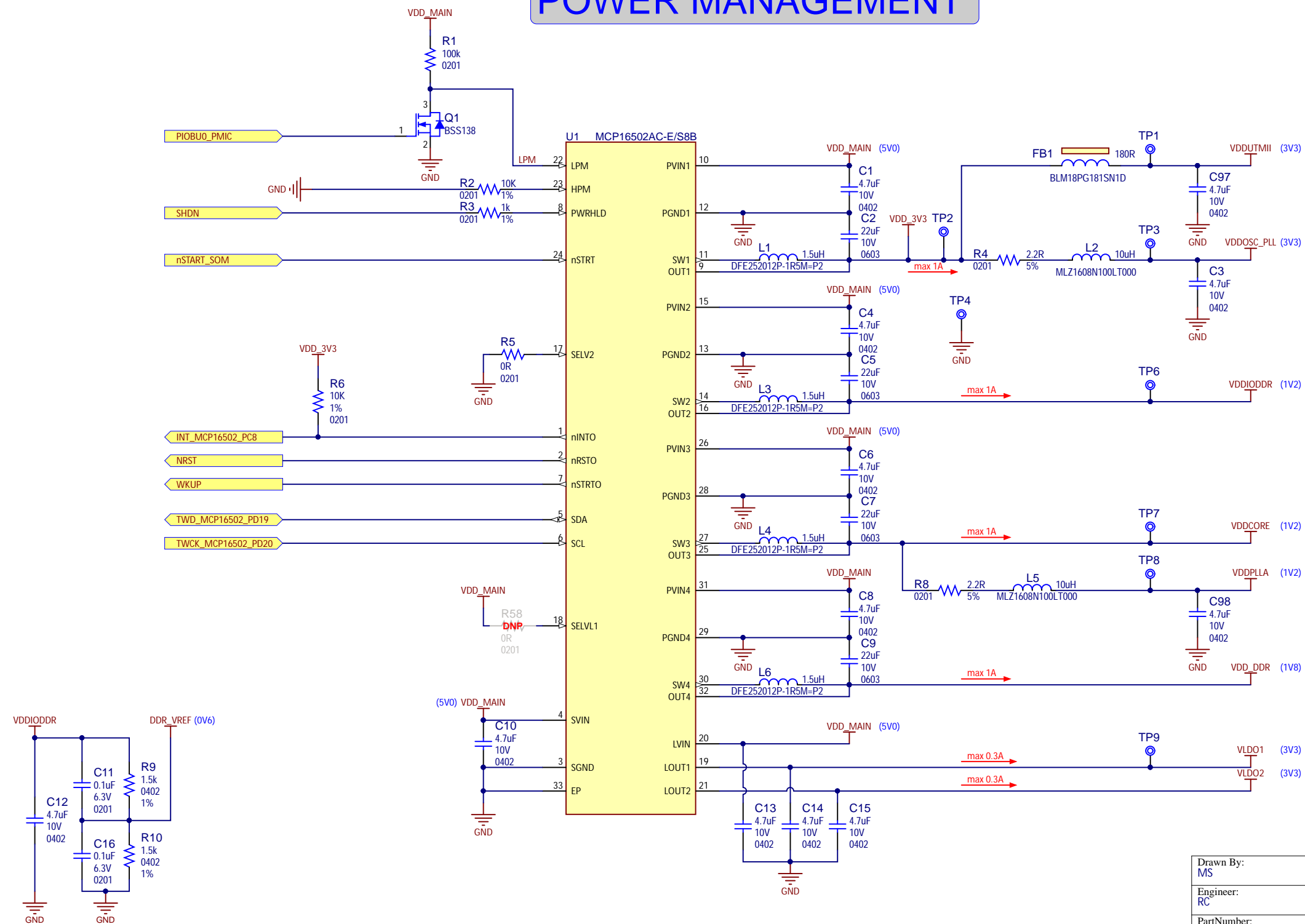




BLOCK DIAGRAM



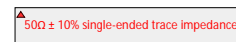
Drawn By: MS	 MICROCHIP		
Engineer: RC			
PartNumber: ATSAMA5D27-WLSOM1	Project Title <i>SAMA5D2 Wireless SOM</i>		
Sheet Title BLOCK DIAGRAM	Variant Name For-Customer-Reuse	Designed with  Altium	
Size B	Sch #: 03-WLSOM1	Date: 21.11.19 10:35:42	
	Revision: B	Sheet 1 of 6	
File: 00 - Block.SchDoc			

POWER MANAGEMENT

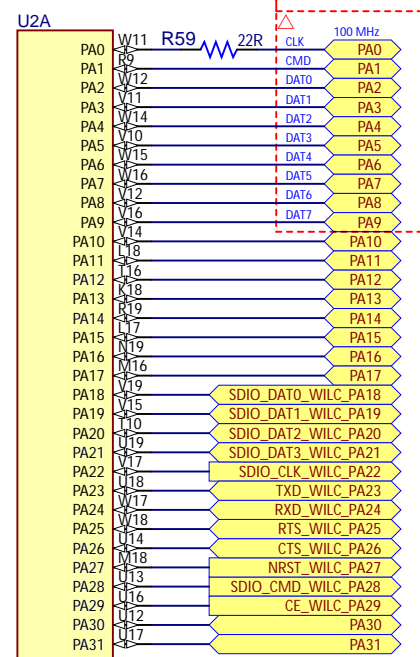


Drawn By: MS		 MICROCHIP	
Engineer: RC			
PartNumber: ATSAMA5D27-WLSOM1		Project Title <i>SAMA5D2 Wireless SOM</i>	
Sheet Title Power Supply		Variant Name For-Customer-Reuse	
Size B	Sch #: 03-WLSOM1	Date: 21.11.19 10:35:42	 Altium.com
	Revision: B	Sheet 2 of 6	
File: 01 - Power.SchDoc			

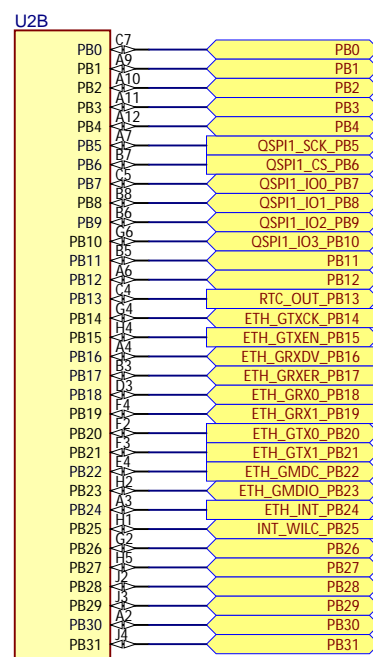
SAMA5D2 MPU with 2Gb LPDDR2 x32 BGA-361



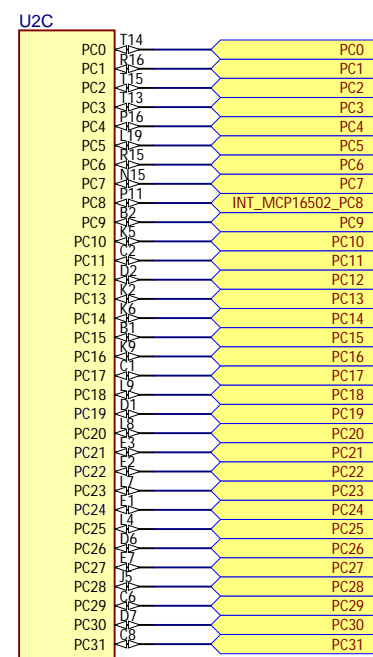
SDMMC0



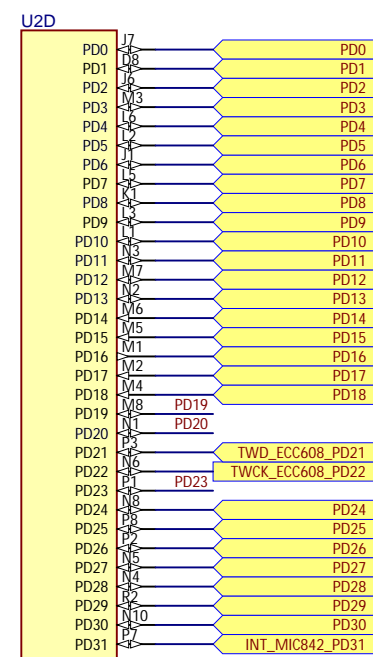
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SAMA5D27C-LD2G-CU



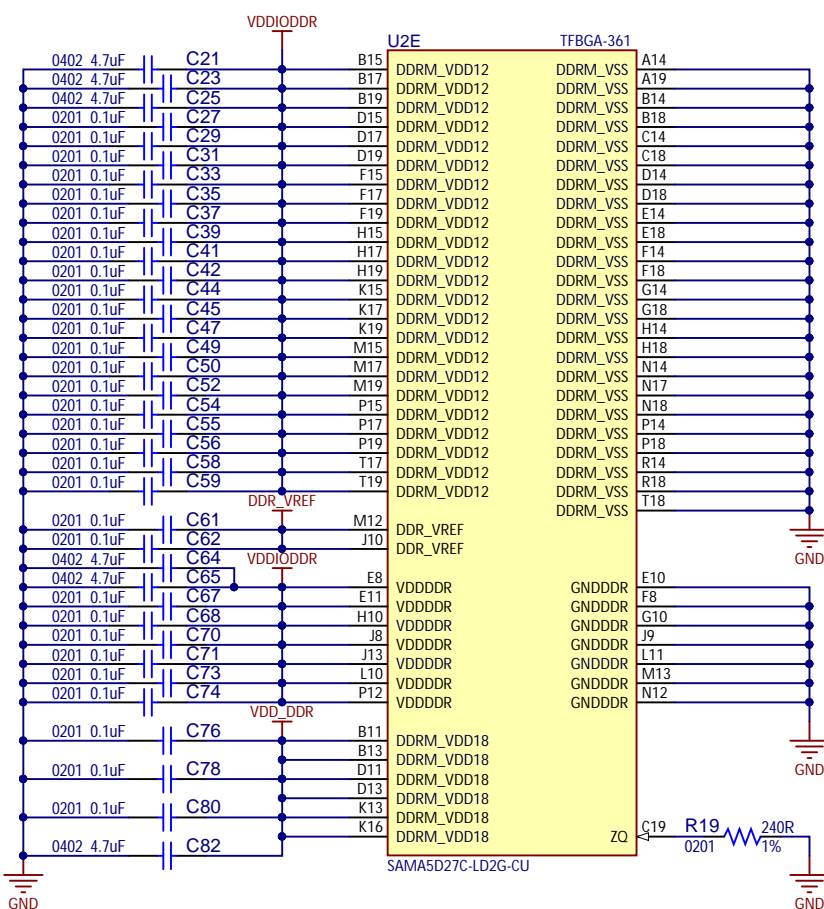
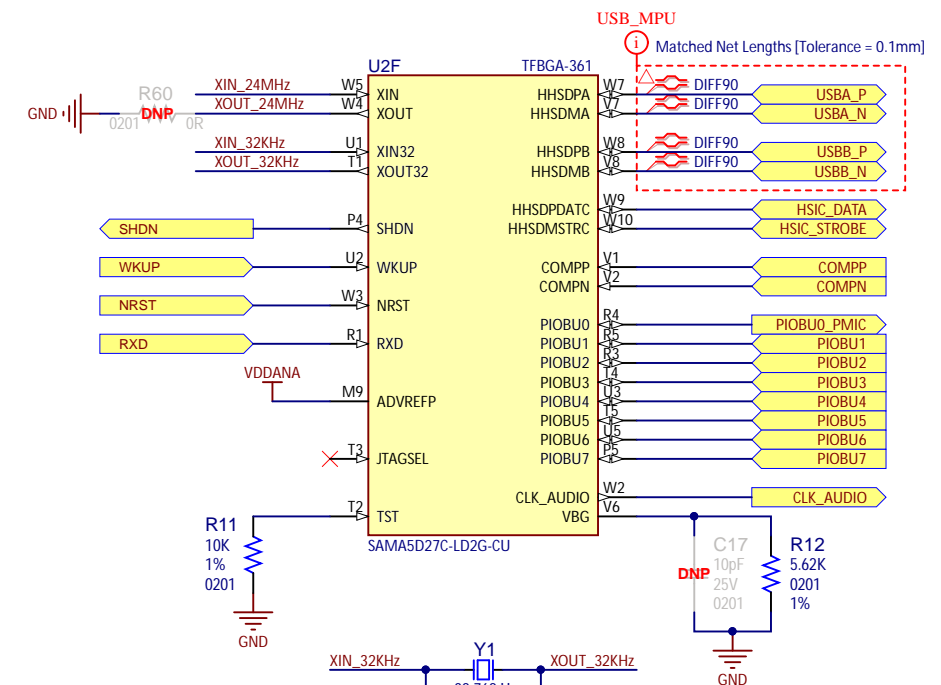
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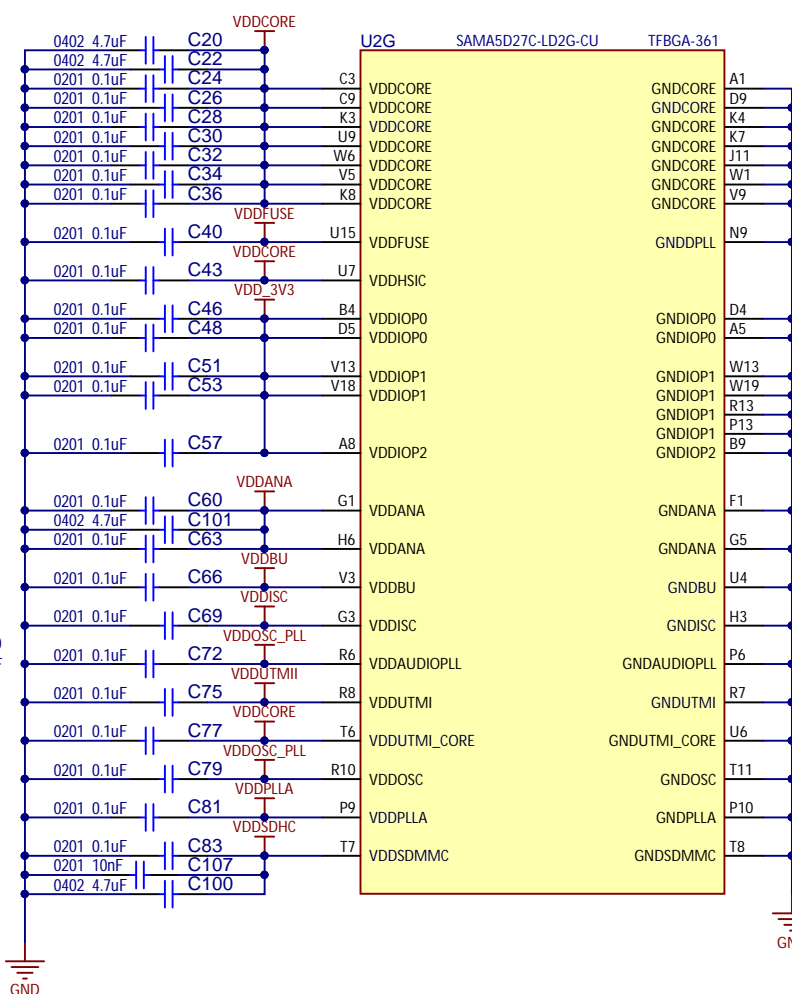
TFBGA-361
SAMA5D27C-LD2G-CU



TFBGA-361
SAMA5D27C-LD2G-CU

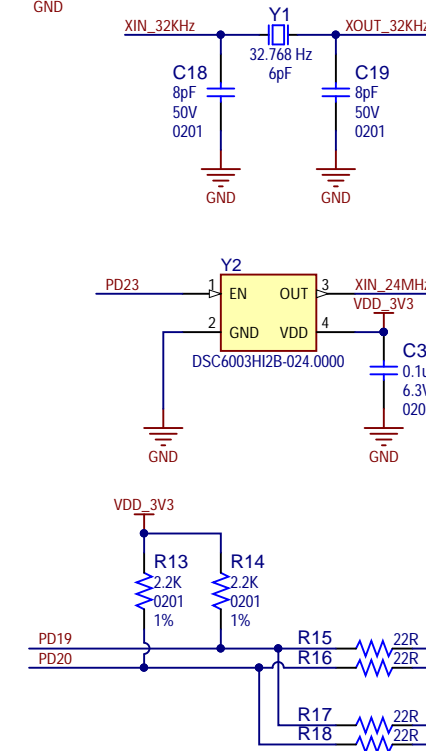




SAMA5D27C-LD2G-CU



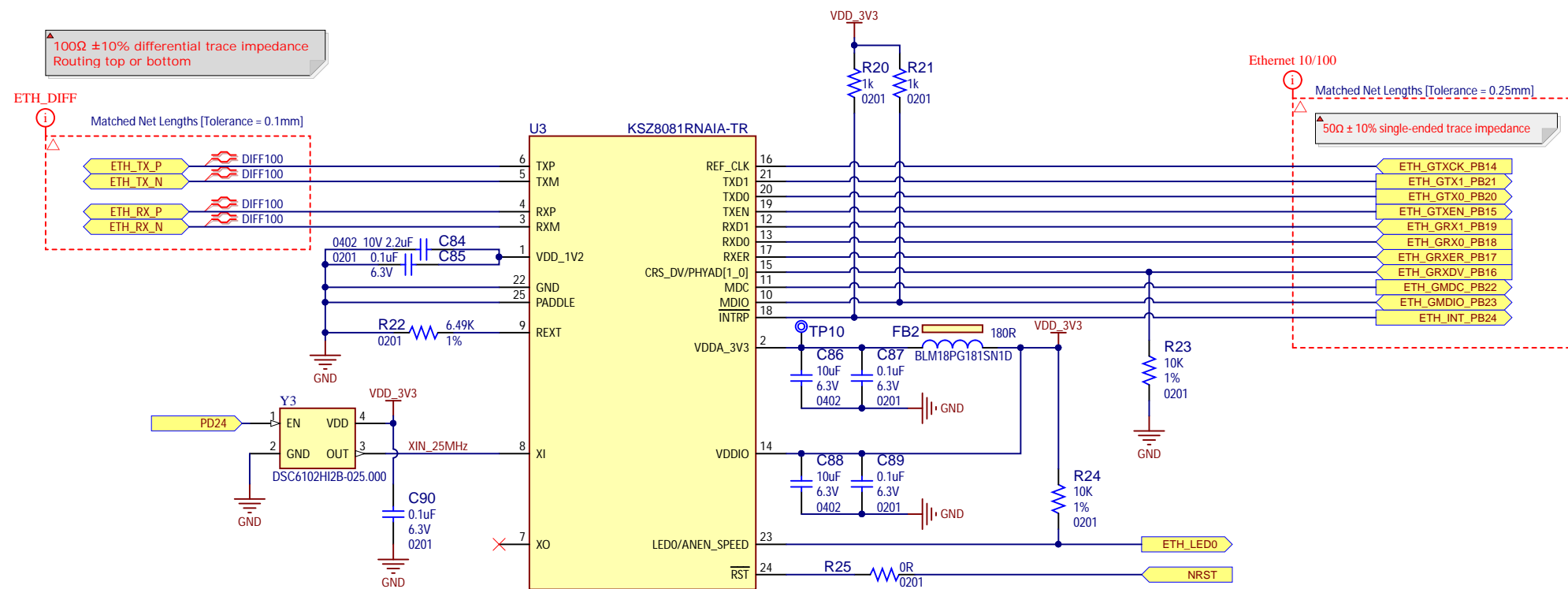
U2G SAMA5D27C-LD2G-CU



FBGA-361



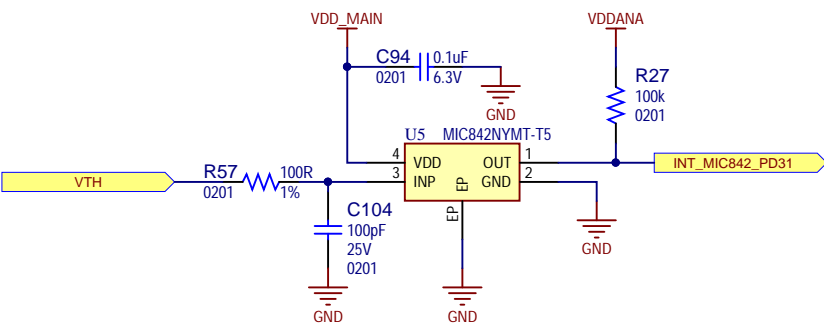
Drawn By: MS		 MICROCHIP	
Engineer: RC			
PartNumber: ATSAMA5D27-WLSOM1		Project Title <i>SAMA5D2 Wireless SOM</i>	
Sheet Title SAMA5D2-LPDDR2-SIP		Variant Name For-Customer-Reuse	
Size A3	Sch #: 03-WLSOM1	Date: 21.11.19 10:35:43	<i>Designed with</i>  Altium.com
File: 02 - MPU SchDoc		Sheet 3 of 6	

ETHERNET TRANSCEIVER

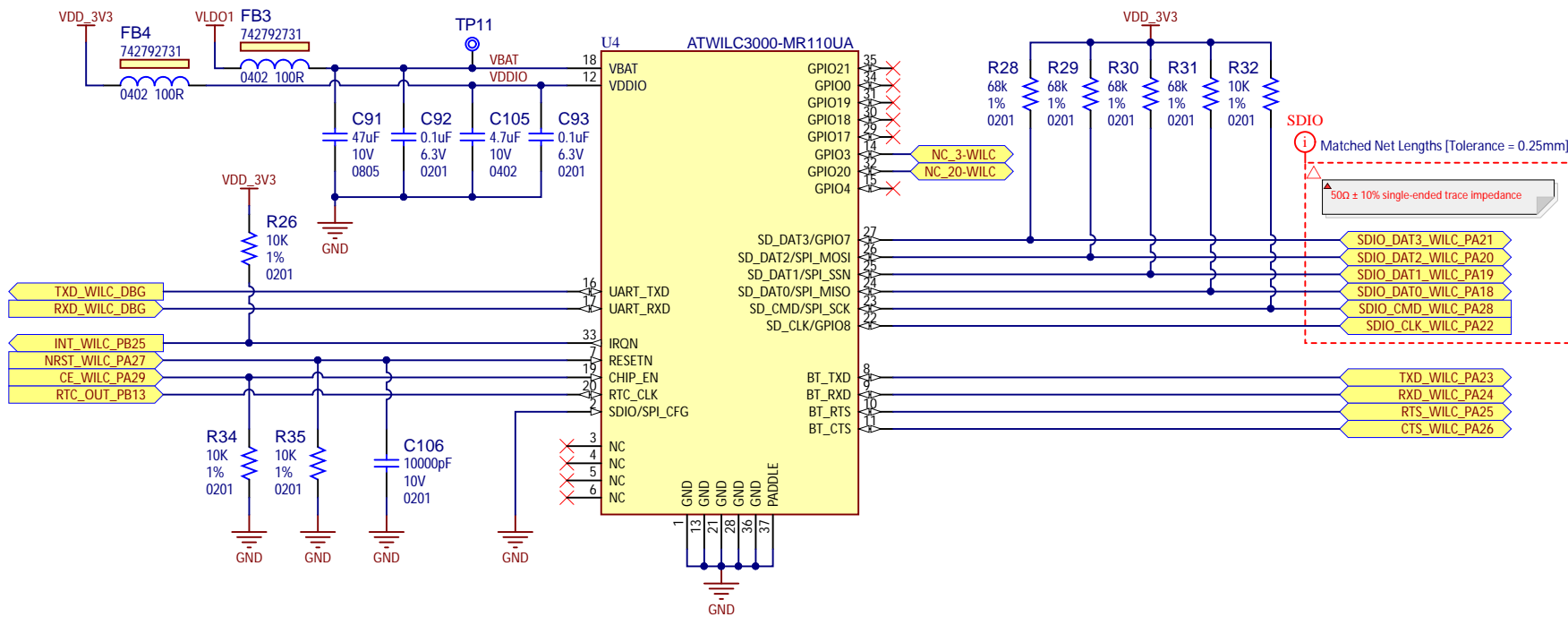


Drawn By: MS			
Engineer: RC			
PartNumber: ATSAMA5D27-WLSOM1	Project Title SAMA5D2 Wireless SOM		
Sheet Title Ethernet	Variant Name For-Customer-Reuse	Designed with 	
Size B	Sch #: 03-WLSOM1	Date: 21.11.19 10:35:43	
	Revision: B	Sheet 4 of 6	
File: 03 - Ethernet.SchDoc			

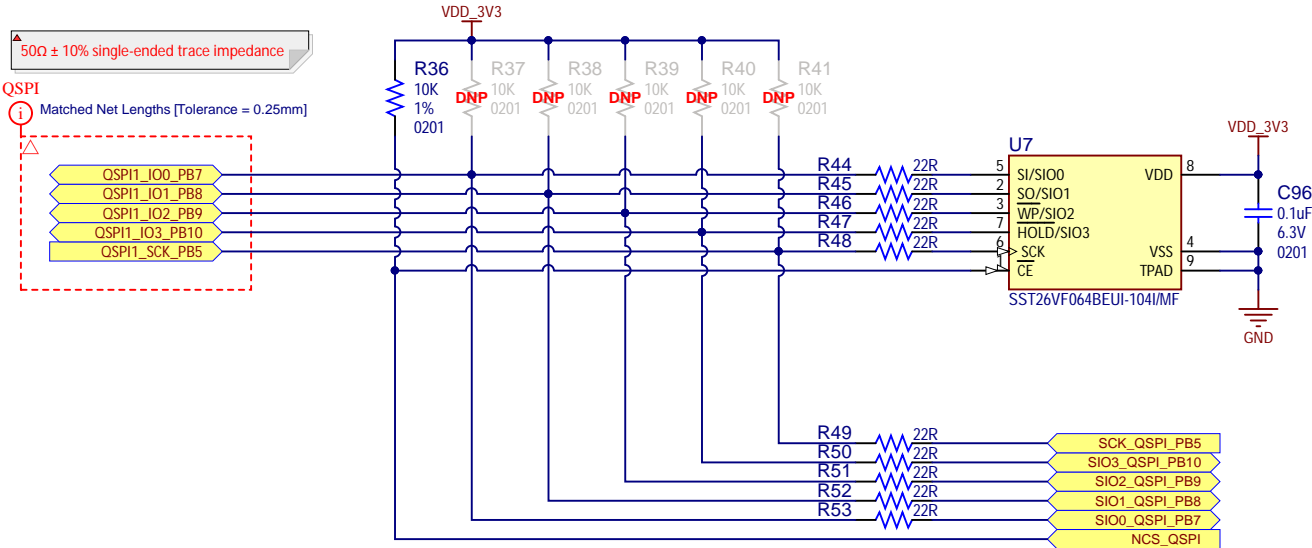
VOLTAGE MONITOR



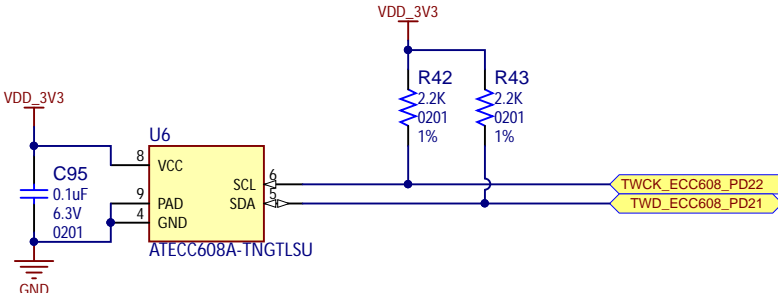
WiFi - Bluetooth LE





64Mb QSPI FLASH



Crypto-Authentication



Drawn By: MS	 MICROCHIP		
Engineer: RC			
PartNumber: ATSAMA5D27-WLSOM1	Project Title <i>SAMA5D2 Wireless SOM</i>		
Sheet Title WiFi/BLE/FLASH	Variant Name For-Customer-Reuse	Designed with  Altium.com	
Size B	Sch #: 03-WLSOM1	Date: 21.11.19 10:35:43	
	Revision: B	Sheet 5 of 6	
File: 04 - WiFi-BLE-Flash.SchDoc			

SOM PINOUT

