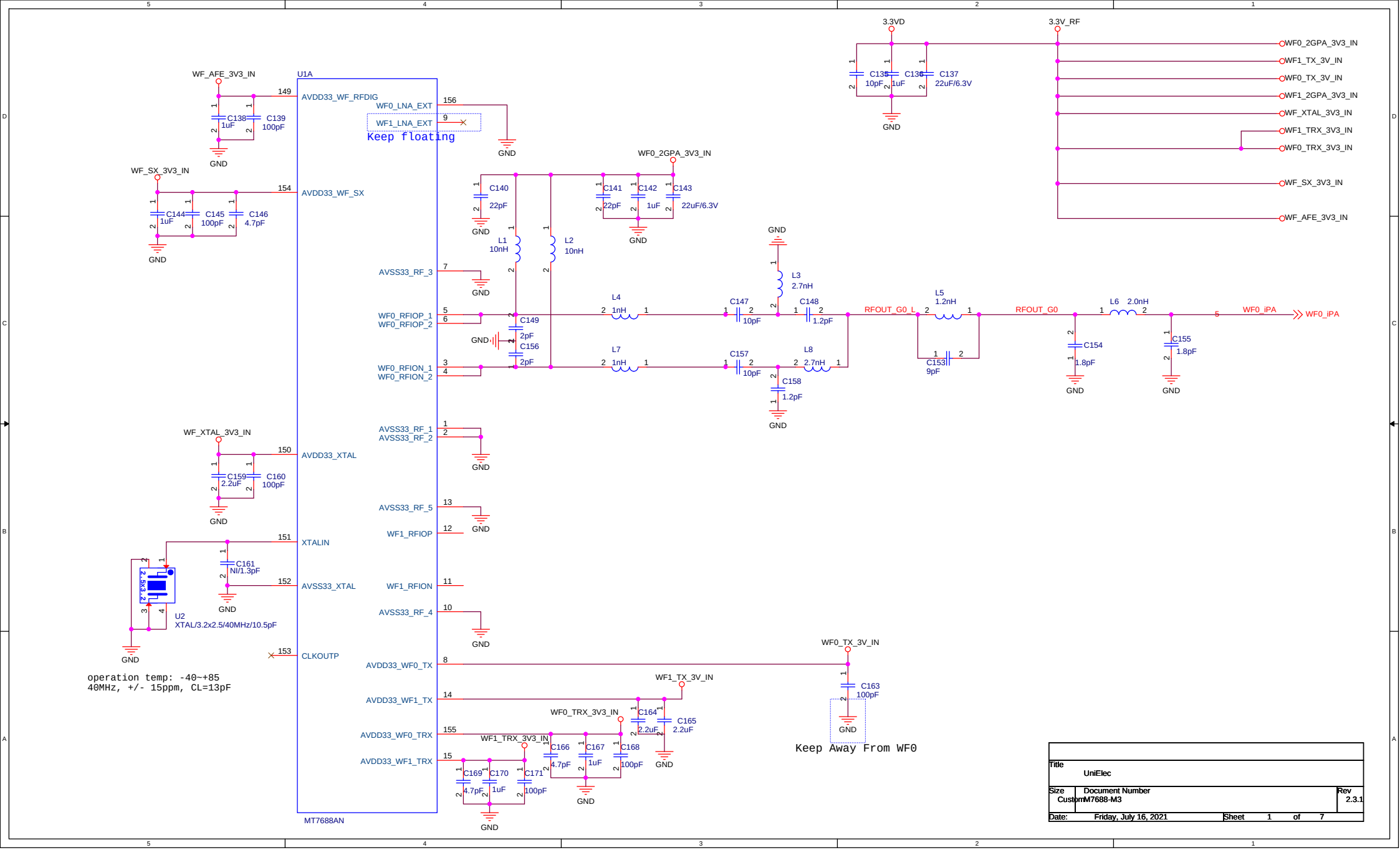
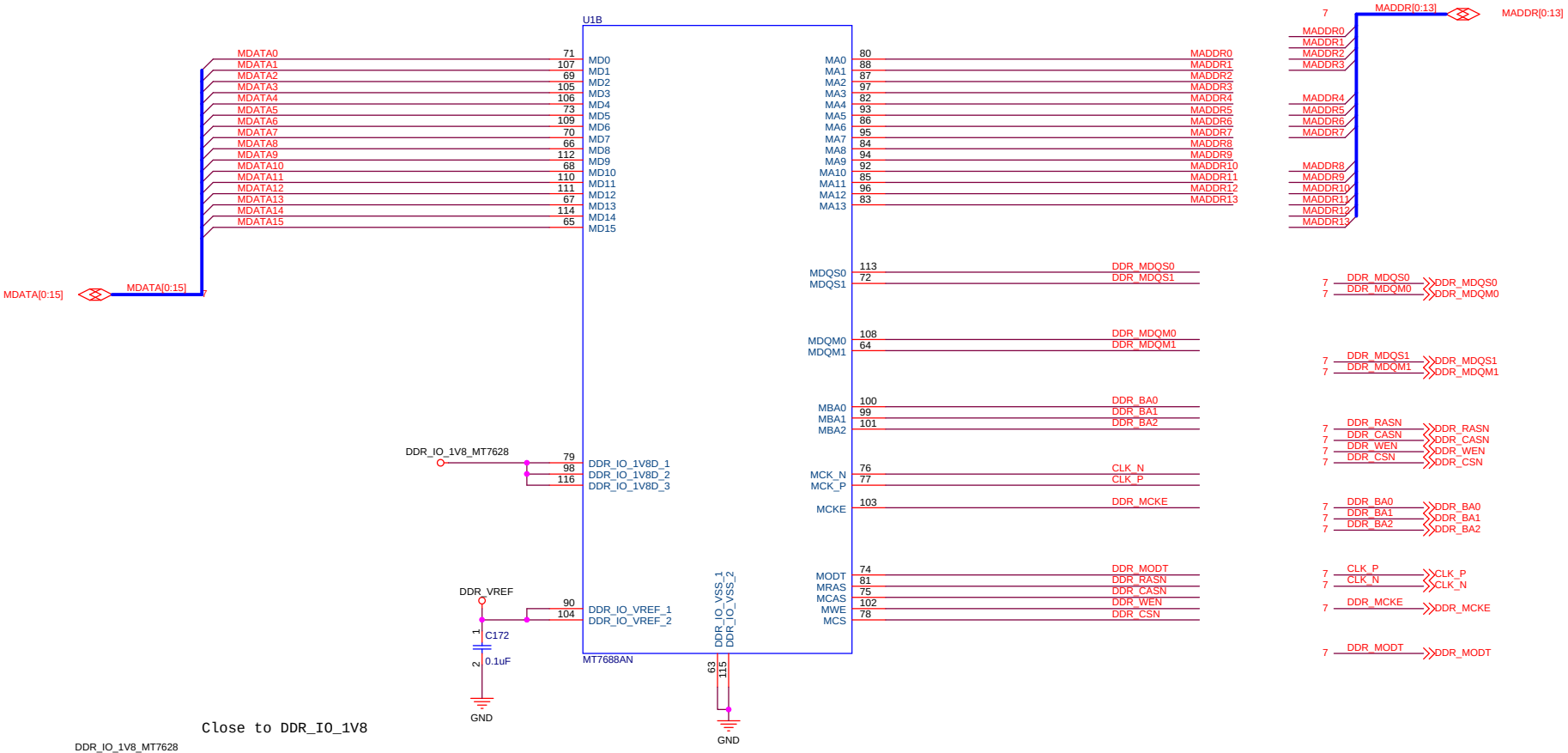
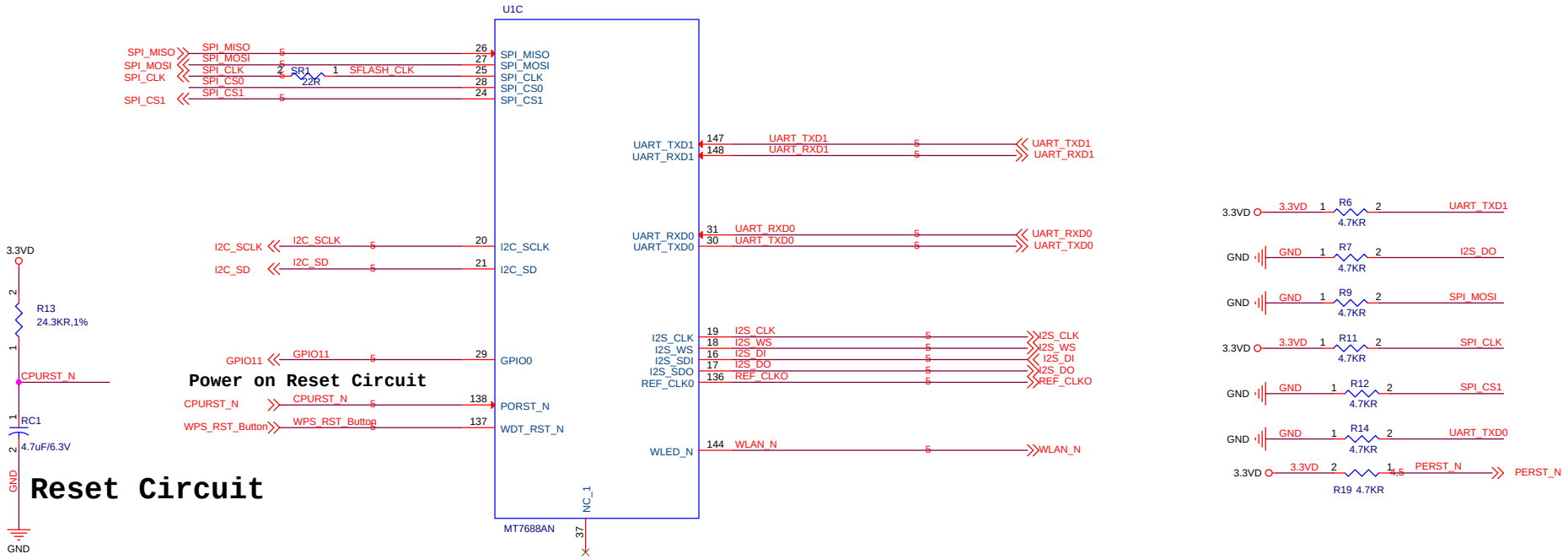
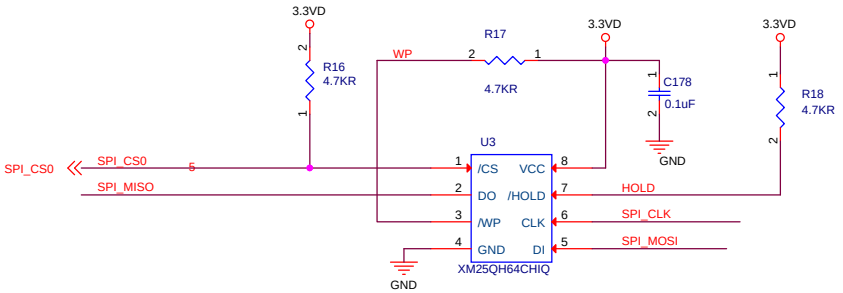


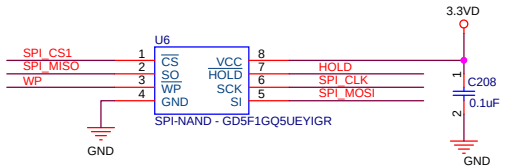
Title	UniElec	
Size: Custom	Document Number: M7688-M3	Rev: 2.3.1
Date: Friday, July 16, 2021	Sheet 1 of 7	



Title	UniElec	
Size: Custom	Document Number: M7688-M3	Rev: 2.3.1
Date: Friday, July 16, 2021	Sheet 2 of 7	



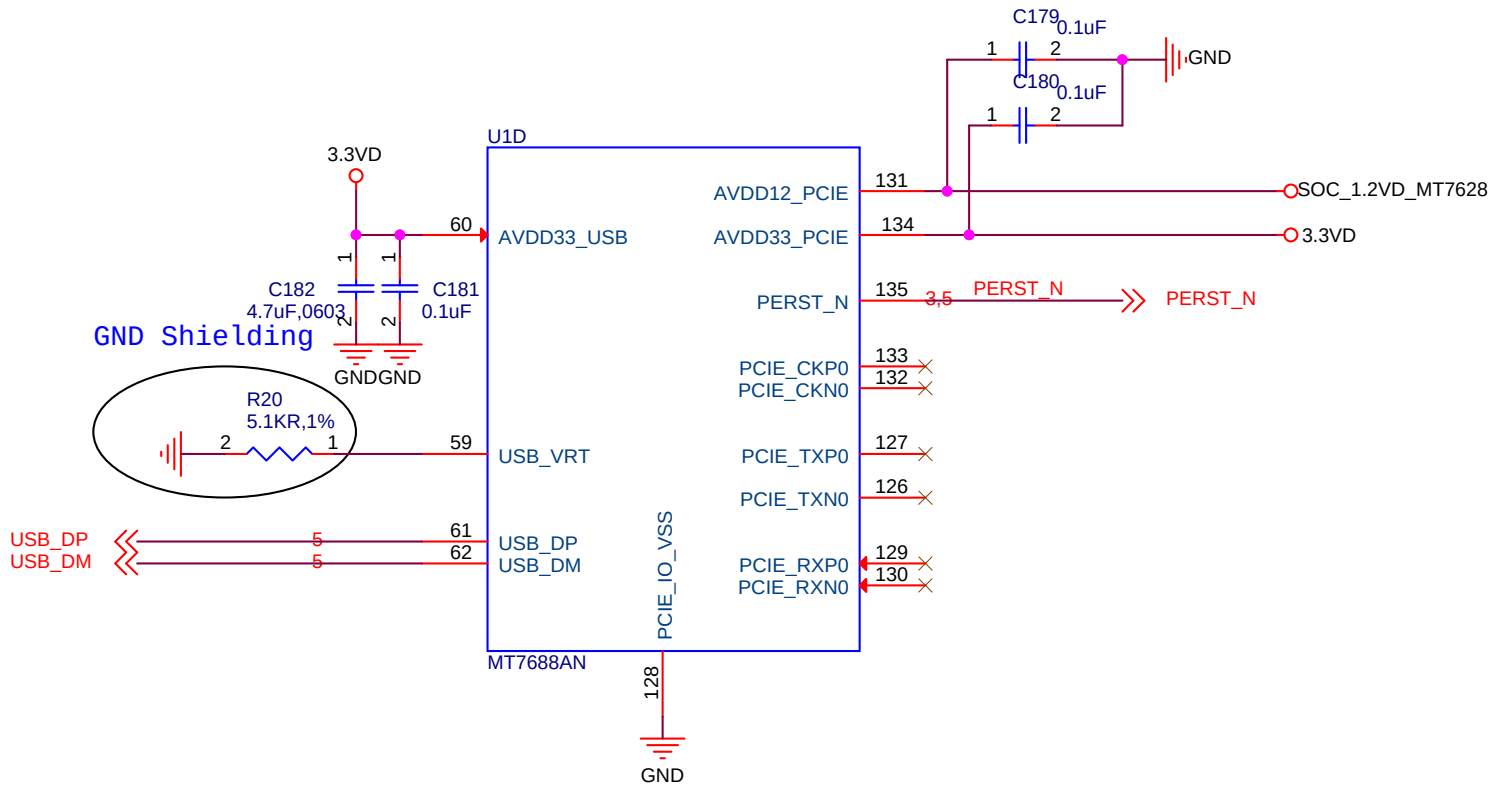




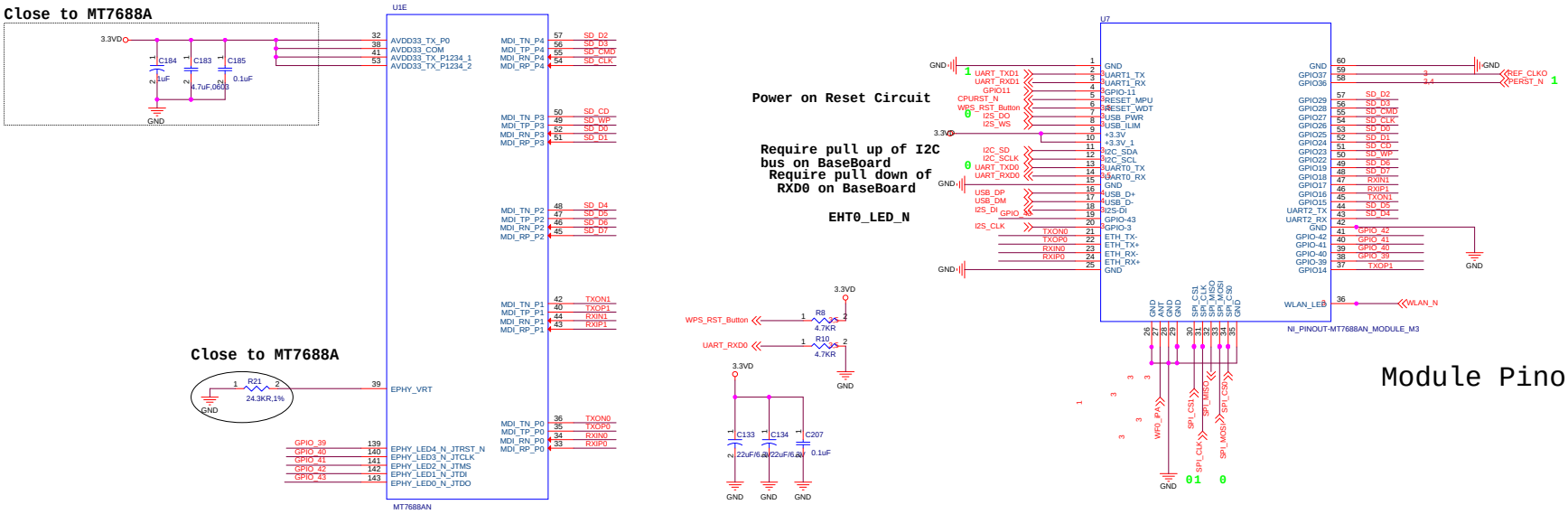
Bootstrapping Pins Description

Pin Name	Boot Strapping Signal Name	Description
UART_TXD1	DBG_JTAG_MODE	0: JTAG_MODE 1: EPHY_LED (default)
PERST_N	XTAL_FREQ_SEL	0: 25 MHz DIP 1: 40 MHz SMD
I2S_SDO	DRAM_TYPE	1: DDR1 0: DDR2 [note] This pin is valid for MT7628AN only. It needs to be pull-low for 7628KN which only supports DDR1.
{SPI_MOSI SPI_CLK, SPI_CS1}	CHIP_MODE[2:0]	A vector to set chip function/test/debug modes. 000: Boot from PLL (boot from SPI 3-Byte Addr) 001: Boot from PLL (boot from SPI 4-Byte Addr) 010: Boot from XTAL (boot from SPI 3-Byte Addr) 011: Boot from XTAL (boot from SPI 4-Byte Addr)
PAD_TXD0	EXT_BGCK	1: Test Mode 0: Normal (default)

Title	UniElec	
Size A3	Document Number M7688-M3	Rev 2.3.1
Date: Friday, July 16, 2021	Sheet 3 of 7	



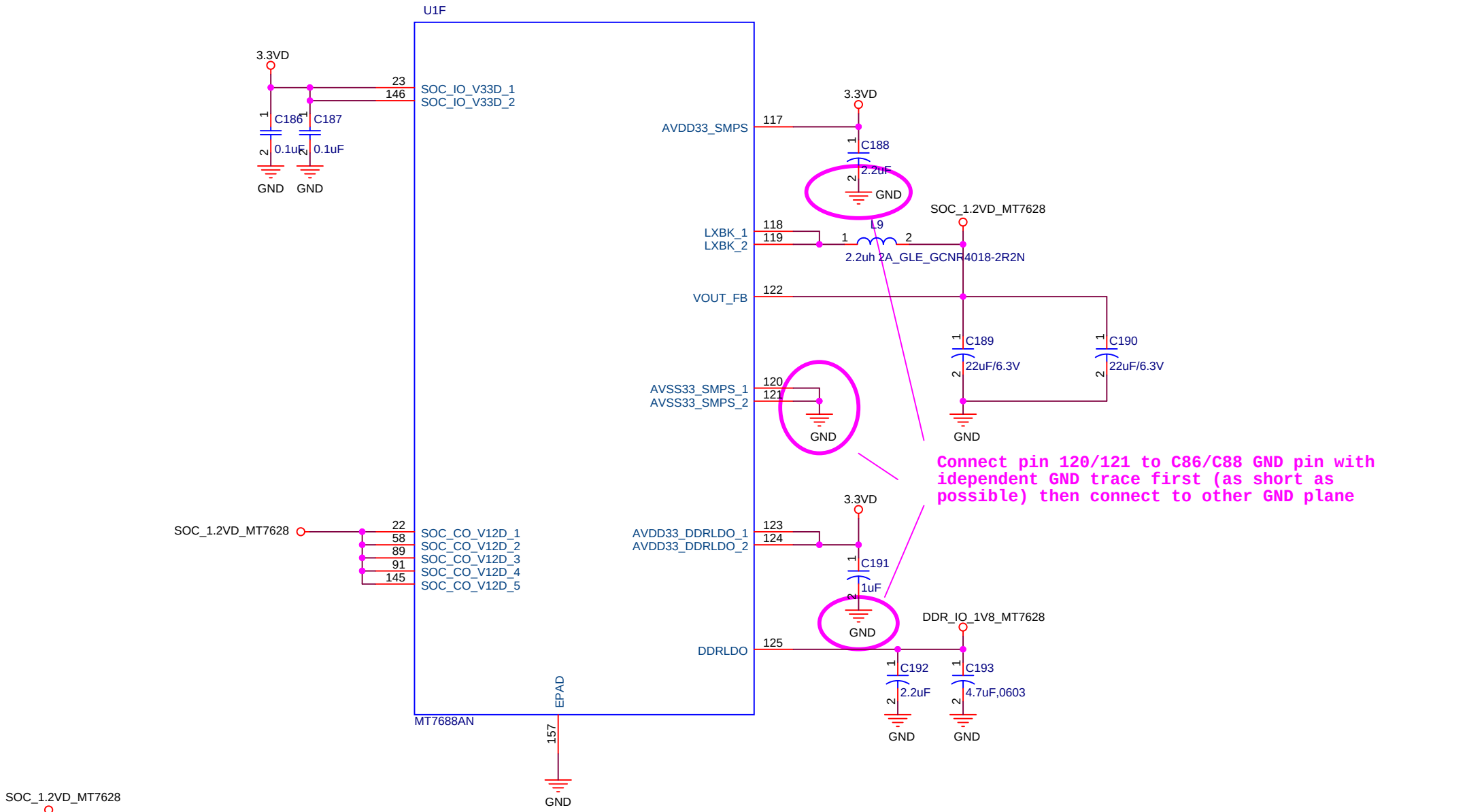
Title	UniElec	
Size: Custom	Document Number: M7688-M3	Rev: 2.3.1
Date: Friday, July 16, 2021	Sheet 4 of 7	



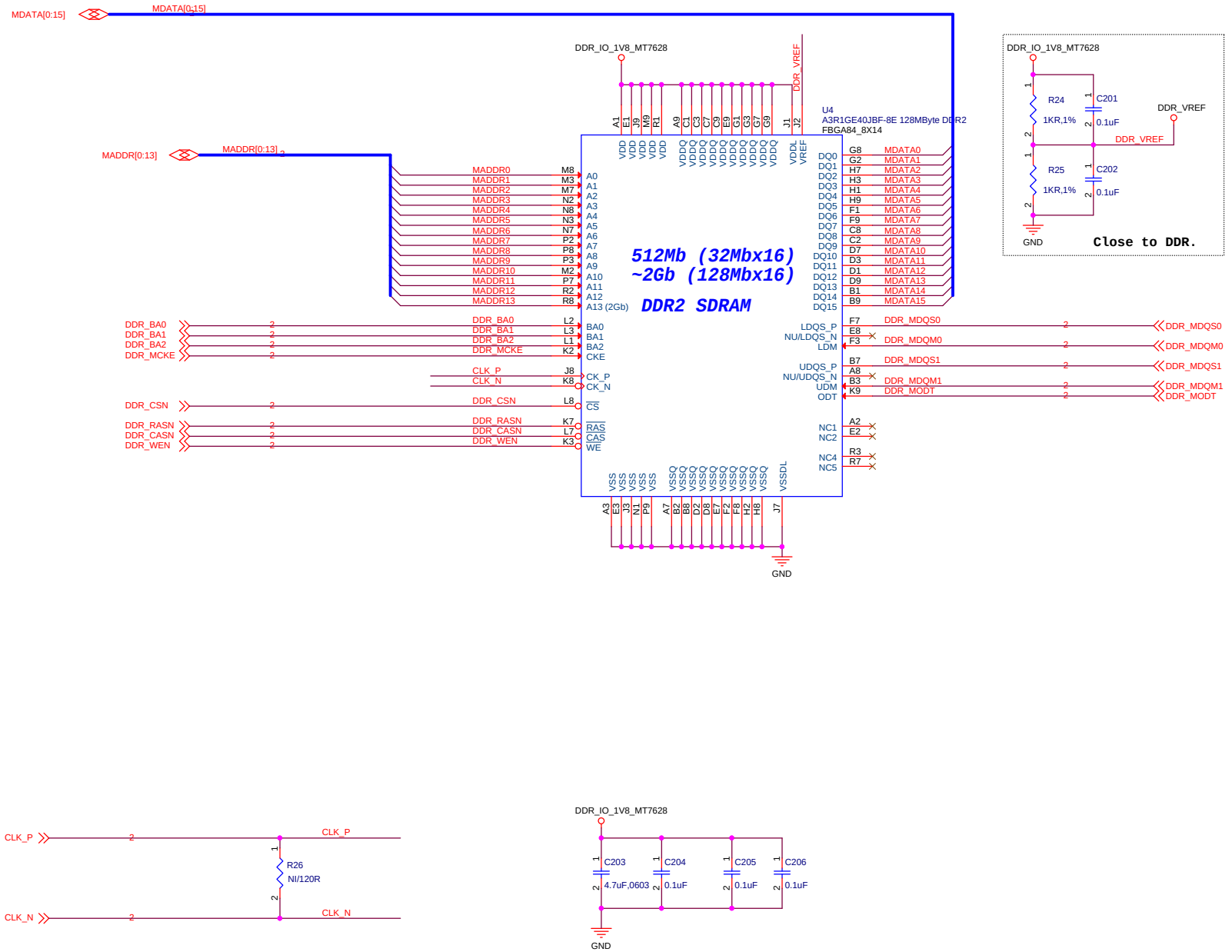
Bootstrapping Pins Description

Pin Name	Boot Strapping Signal Name	Description
UART_TXD1	DBG_JTAG_MODE	0: JTAG_MODE 1: EPHY_LED (default)
PERST_N	XTAL_FREQ_SEL	0: 25 MHz DIP 1: 40 MHz SMD
I2S_SDO	DRAM_TYPE	1: DDR1 0: DDR2 [note] This pin is valid for MT7628AN only. It needs to be pull-low for 7628KN which only supports DDR1.
[SPI_MOSI SPI_CLK, SPI_CS1]	CHIP_MODE[2:0]	A vector to set chip function/test/debug modes. 000: Boot from PLL (boot from SPI 3-Byte Addr) 001: Boot from PLL (boot from SPI 4-Byte Addr) 010: Boot from XTAL (boot from SPI 3-Byte Addr) 011: Boot from XTAL (boot from SPI 4-Byte Addr)
PAD_TXD0	EXT_BGCK	1: Test Mode 0: Normal (default)

Title	UniElec		
Size A2	Document Number M7688-M3		Rev 2.3.1
Date: Friday, July 16, 2021		Sheet 5 of 7	



Title	UniElec	
Size A4	Document Number M7688-M3	Rev 2.3.1
Date: Friday, July 16, 2021	Sheet 6 of 7	



Title	UniElec	
Size	Document Number CustomM7688-M3	Rev 2.3.1
Date: Friday, July 16, 2021	Sheet 7 of 7	