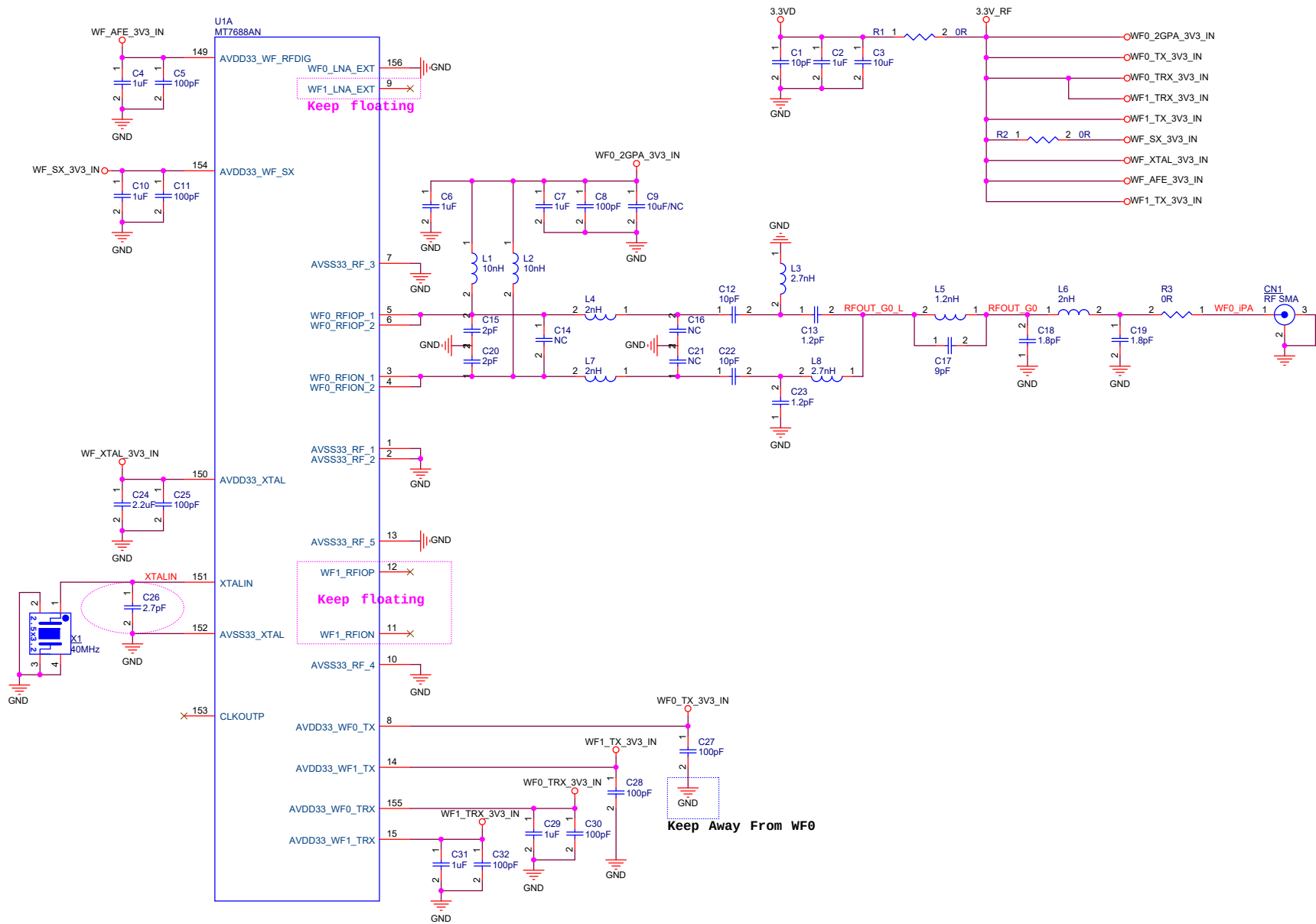
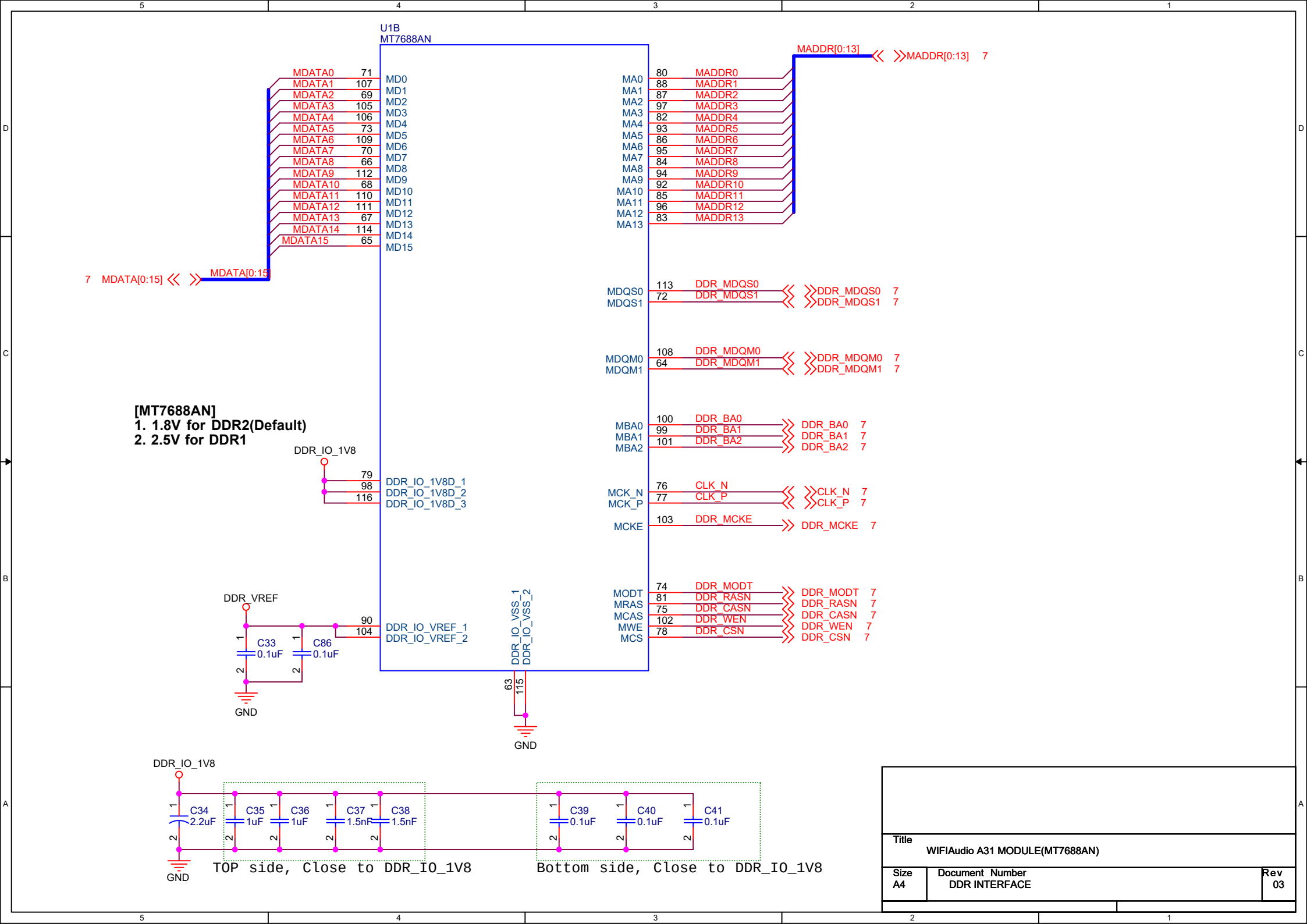
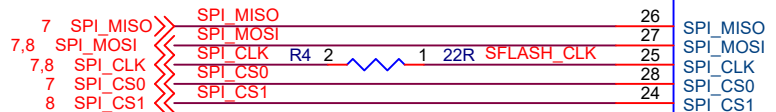




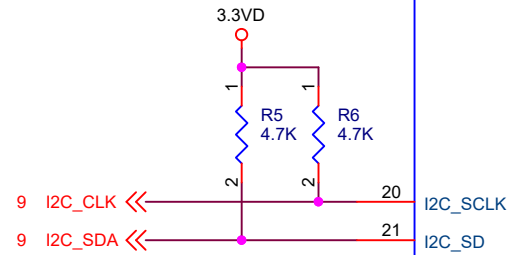
Title		
WiFiAudio A31 MODULE(MT7688AN)		
Size	Document Number	Rev
A3	RF FRONT END	03



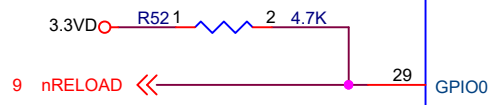
GPI09
GPI08
GPI07
GPI010
GPI06



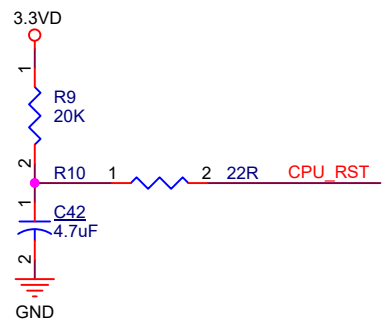
GPI04
GPI05



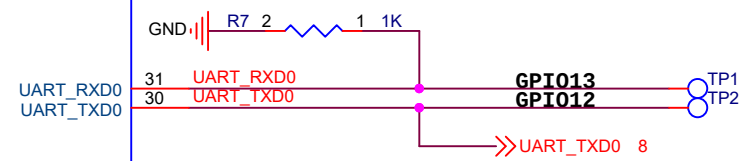
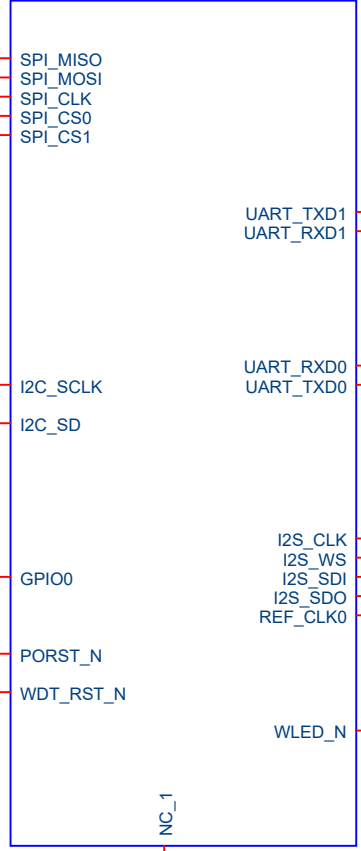
GPI011



GPI038



U1C
MT7688AN



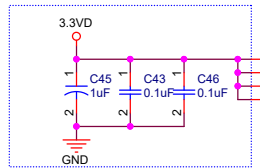
DEBUG



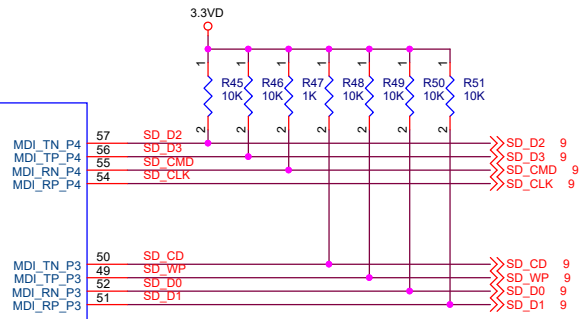
GPI03
GPI02
GPI00
GPI01
GPI037

GPI044 GPI035(KN)

Title		
WIFIAudio A31 MODULE(MT7688AN)		
Size	Document Number	Rev
A4	SPI I2C SDXC GPIO	03



Close to MT7688AN



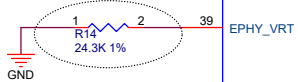
GPI029
GPI028
GPI027
GPI026

GPI023
GPI022
GPI025
GPI024

2'b00	2'b01
	GPI021
	GPI020
PWM_CH0	GPI019
	GPI018

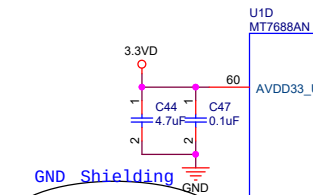
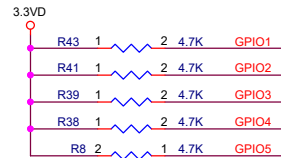
2'b00	2'b01	2'b10	2'b11
SPI01_CLK	GPI015		PWM_CH1
SPI01_CS	GPI014		PWM_CH0
SPI01_MOSI	GPI017		UART_RXD2
SPI01_MISO	GPI016		UART_TXD2

Close to MT7688AN

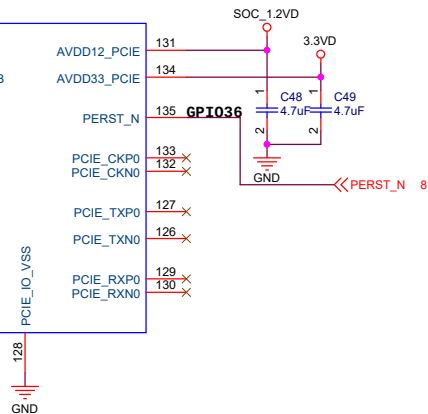
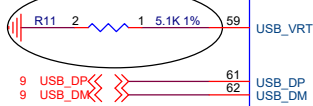


GPI030(KN) GPI039
GPI031(KN) GPI040
GPI032(KN) GPI041
GPI033(KN) GPI042
GPI034(KN) GPI043

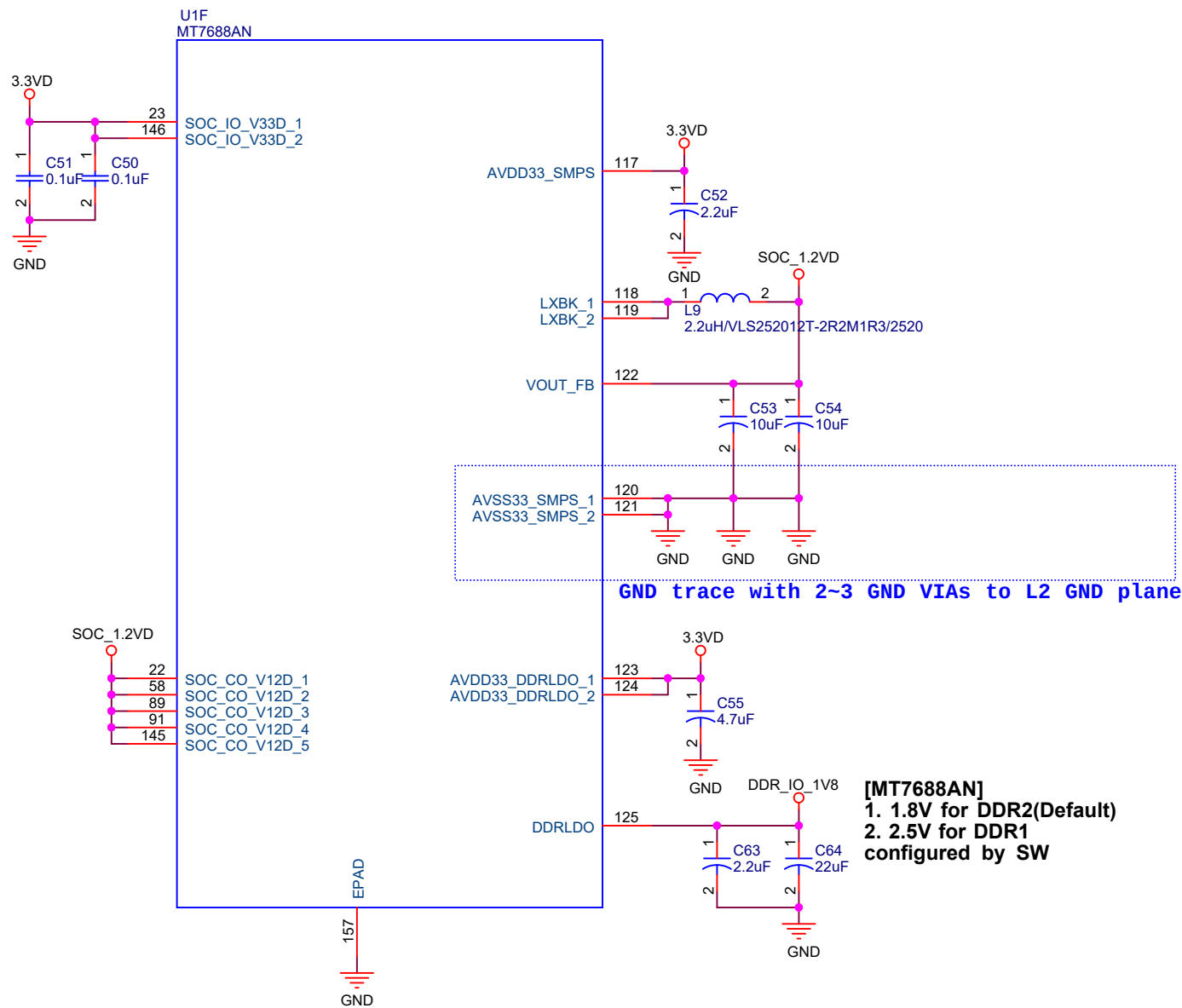
139 EPHY_LED4_N_JTRST_N
140 EPHY_LED3_N_JTCLK
141 EPHY_LED2_N_JTMS
142 EPHY_LED1_N_JTDI
143 EPHY_LED0_N_JTDO



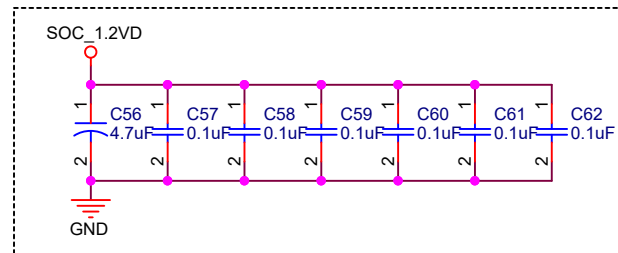
GND Shielding



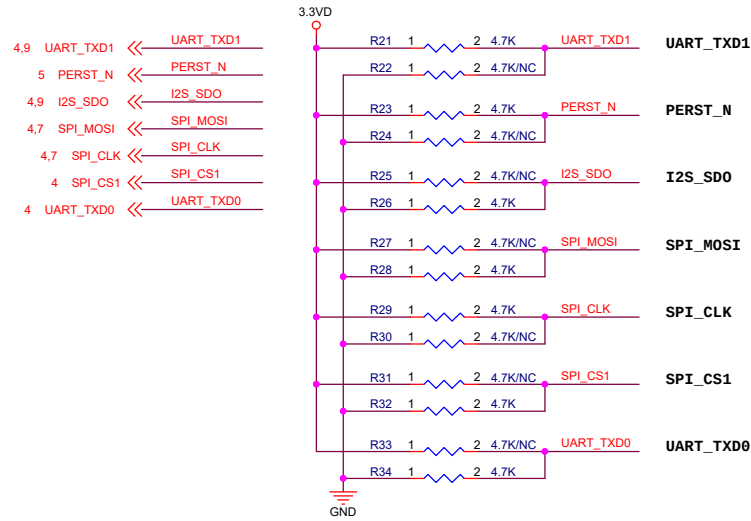
Title		
WiFiAudio A31 MODULE(MT7688AN)		
Size	Document Number	Rev
A3	USB_PCIE_ETH	03



Close to MT7688AN



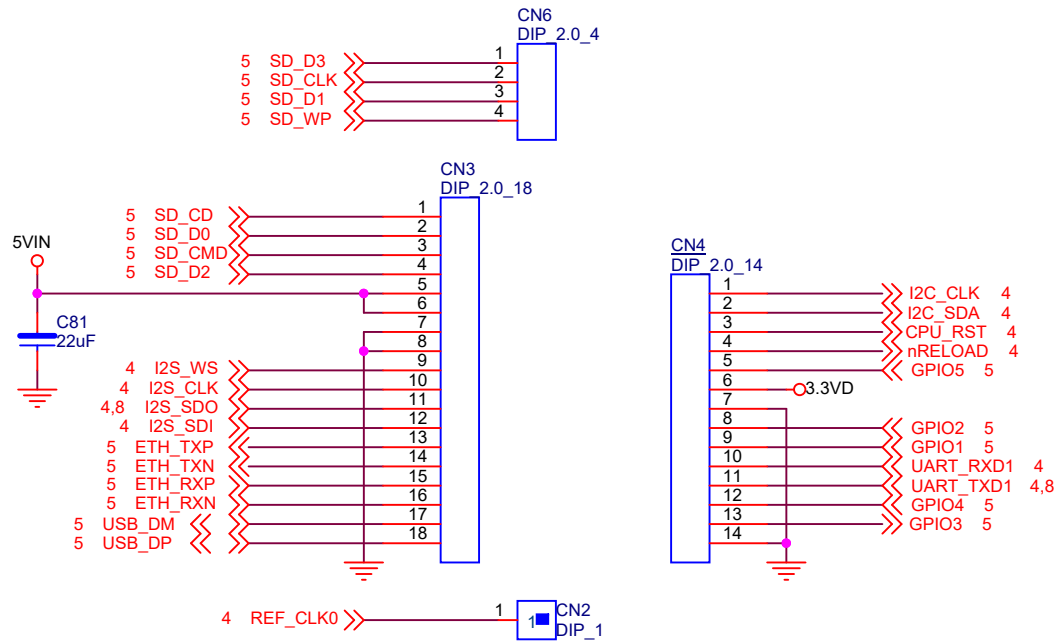
Title		
WIFIAudio A31 MODULE(MT7688AN)		
Size	Document Number	Rev
A4	MT7688AN POWER	03



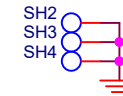
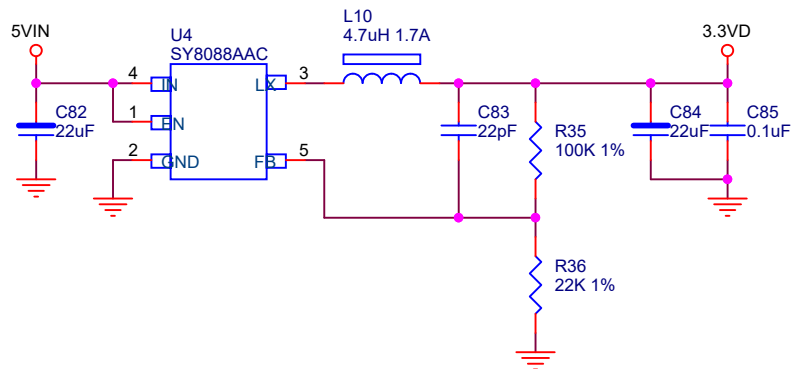
MT7688AN Bootstrapping Pins Description

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: 25MHz DIP 1: 40MHz SMD
I2S_SDO	DRAM_TYPE	1: DDR1 0: DDR2 [note] This pin is valid for MT7688AN only. It needs to be pull-low for MT7688KN which only supports DDR1.
{SPI_MOSI SPI_CLK, SPI_CS1 }	CHIP_MODE[2:0]	A vector to set chip function/test/debug modes. In non-test/debug operation, 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		
WiFiAudio A31 MODULE(MT7688AN)		
Size	Document Number	Rev
A3	BOOTSTRAPPING	03



GPIO5:	PWM_CH0	GPIO18	
GPIO2:	SPIS_CS	GPIO14	PWM_CH0
GPIO1:	SPIS_CLK	GPIO15	PWM_CH1
GPIO4:	SPIS_MISO	GPIO16	UART_TXD2
GPIO3:	SPIS_MOSI	GPIO17	UART_RXD2



Title			
WIFIAudio A31 MODULE(MT7688AN)			
Size	Document Number		Rev
A4	POWER CONNECTOR		03