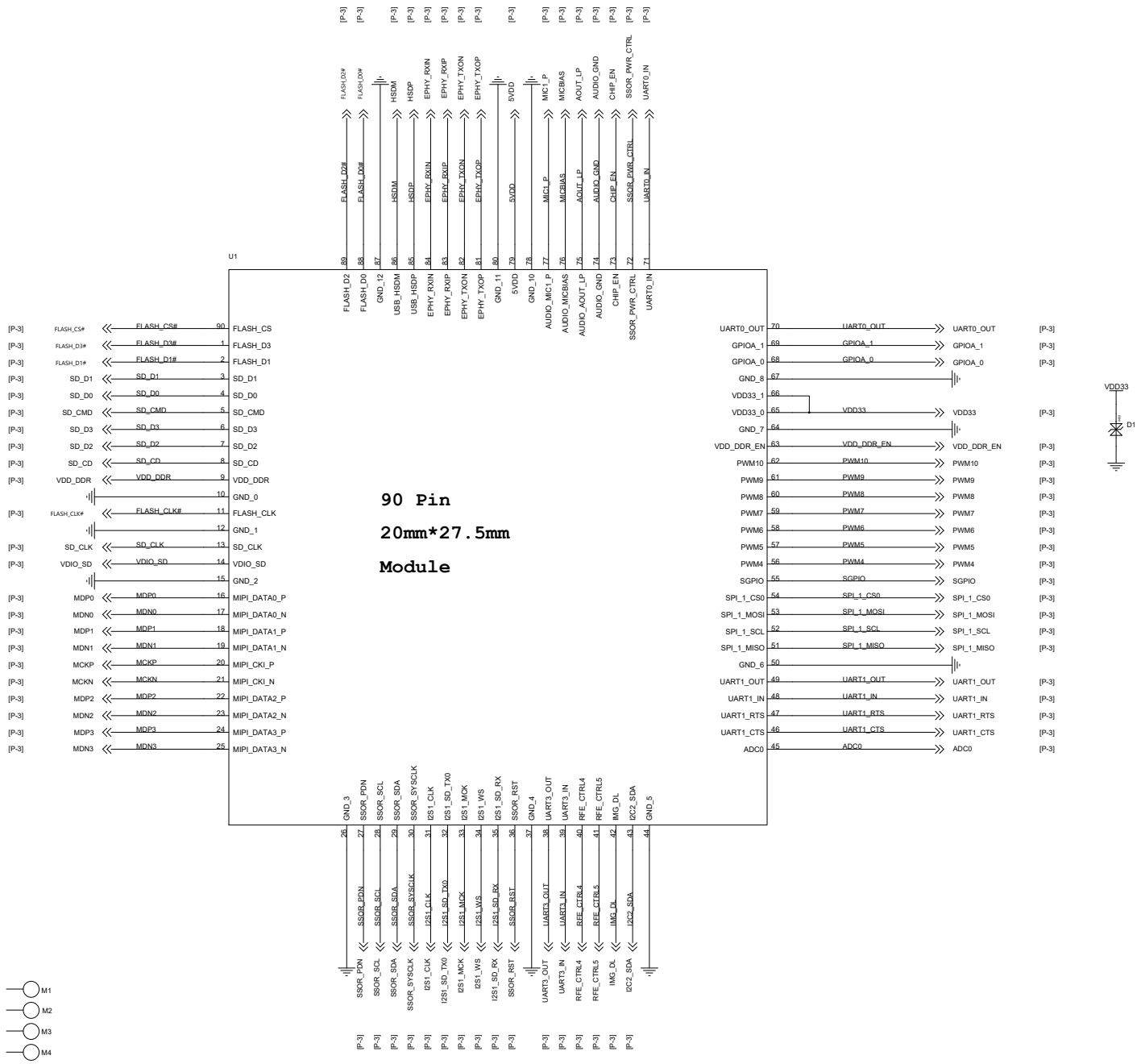
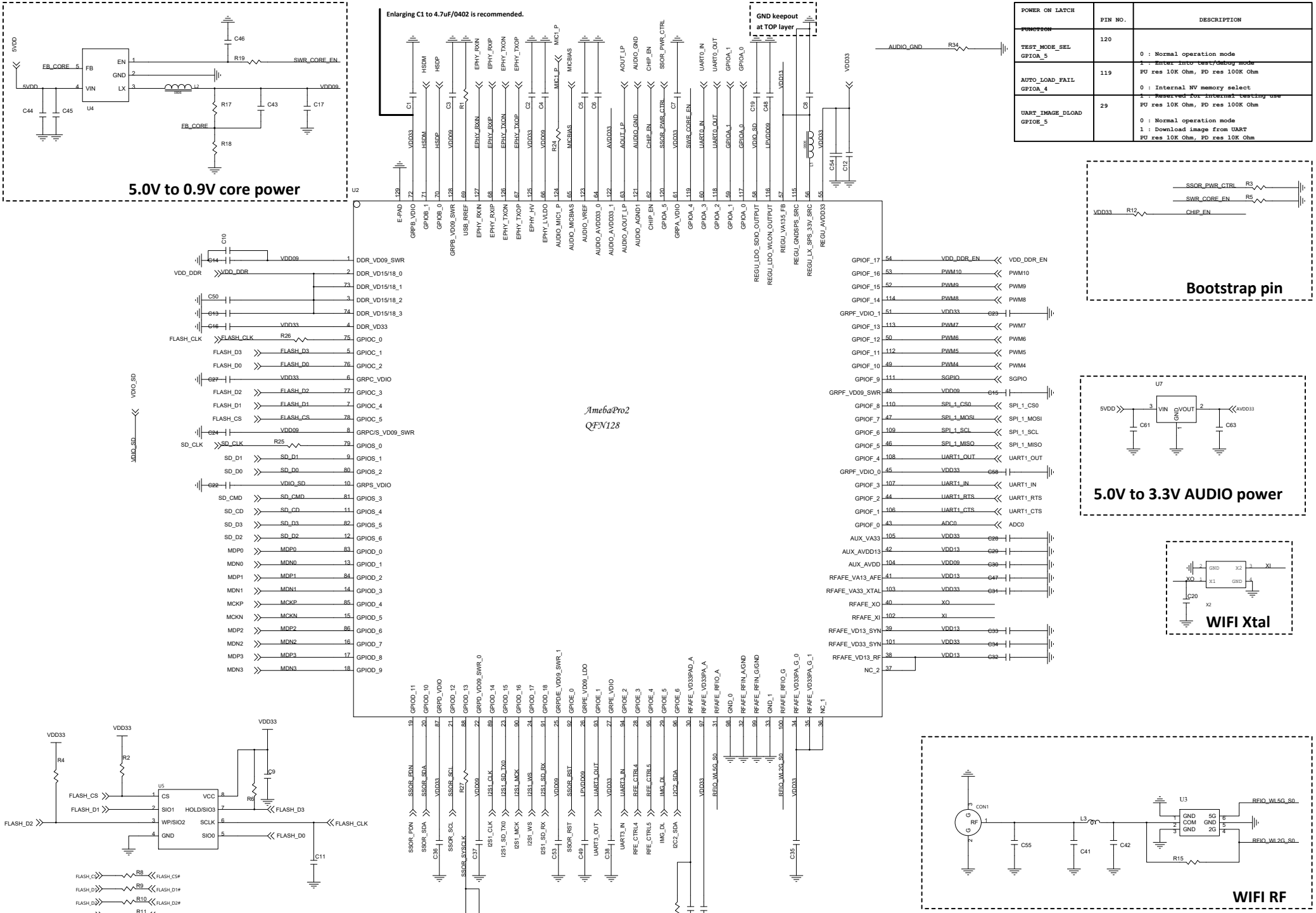

U1
90 Pin
20mm*27.5mm
Module
FLASH_CS# 90 FLASH_CS
FLASH_D3# 1 FLASH_D3
FLASH_D1# 2 FLASH_D1
SD_D1 3 SD_D1
SD_D0 4 SD_D0
SD_CMD 5 SD_CMD
SD_D3 6 SD_D3
SD_D2 7 SD_D2
SD_CD 8 SD_CD
VDD_DDR 9 VDD_DDR
10 GND_0
FLASH_CLK# 11 FLASH_CLK
12 GND_1
SD_CLK 13 SD_CLK
VDIO_SD 14 VDIO_SD
15 GND_2
MDP0 16 MIPI_DATA0_P
MDN0 17 MIPI_DATA0_N
MDP1 18 MIPI_DATA1_P
MDN1 19 MIPI_DATA1_N
MCKP 20 MIPI_CKI_P
MCKN 21 MIPI_CKI_N
MDP2 22 MIPI_DATA2_P
MDN2 23 MIPI_DATA2_N
MDP3 24 MIPI_DATA3_P
MDN3 25 MIPI_DATA3_N
89 FLASH_D2 FLASH_D2#
88 FLASH_D0 FLASH_D0#
87 GND_12
86 USB_HSDM HSDM
85 USB_HSDP HSDP
84 EPHY_RXIN EPHY_RXIN
83 EPHY_RXIP EPHY_RXIP
82 EPHY_TXON EPHY_TXON
81 EPHY_TXOP EPHY_TXOP
80 GND_11
79 5VDD 5VDD
78 GND_10
77 AUDIO_MIC1_P MIC1_P
76 AUDIO_MICBIAS MICBIAS
75 AUDIO_AOUT_LP AOUT_LP
74 AUDIO_GND AUDIO_GND
73 CHIP_EN CHIP_EN
72 SSOR_PWR_CTRL SSOR_PWR_CTRL
71 UART0_IN UART0_IN
70 UART0_OUT UART0_OUT
69 GPIOA_1 GPIOA_1
68 GPIOA_0 GPIOA_0
67 GND_8
66 VDD33_1
65 VDD33_0 VDD33
64 GND_7
63 VDD_DDR_EN VDD_DDR_EN
62 PWM10 PWM10
61 PWM9 PWM9
60 PWM8 PWM8
59 PWM7 PWM7
58 PWM6 PWM6
57 PWM5 PWM5
56 PWM4 PWM4
55 SGPIO SGPIO
54 SPI_1_CS0 SPI_1_CS0
53 SPI_1_MOSI SPI_1_MOSI
52 SPI_1_SCL SPI_1_SCL
51 SPI_1_MISO SPI_1_MISO
50 GND_6
49 UART1_OUT UART1_OUT
48 UART1_IN UART1_IN
47 UART1_RTS UART1_RTS
46 UART1_CTS UART1_CTS
45 ADC0 ADC0
26 GND_3
27 SSOR_PDN SSOR_PDN
28 SSOR_SCL SSOR_SCL
29 SSOR_SDA SSOR_SDA
30 SSOR_SYSCLK SSOR_SYSCLK
31 I2S1_CLK I2S1_CLK
32 I2S1_SD_TX0 I2S1_SD_TX0
33 I2S1_MCK I2S1_MCK
34 I2S1_WS I2S1_WS
35 I2S1_SD_RX I2S1_SD_RX
36 SSOR_RST SSOR_RST
37 GND_4
38 UART3_OUT UART3_OUT
39 UART3_IN UART3_IN
40 RFE_CTRL4 RFE_CTRL4
41 RFE_CTRL5 RFE_CTRL5
42 IMG_DL IMG_DL
43 I2C2_SDA I2C2_SDA
44 GND_5
VDD33
D1
M1
M2
M3
M4



POWER ON LATCH FUNCTION	PIN NO.	DESCRIPTION
TEST_MODE_SEL GPIOA_5	120	0 : Normal operation mode 1 : Enter into test/debug mode PU res 10K Ohm, PD res 100K Ohm
AUTO_LOAD_FAIL GPIOA_4	119	0 : Internal NV memory select 1 : Reserved for internal testing use PU res 10K Ohm, PD res 100K Ohm
UART_IMAGE_DLOAD GPIOE_5	29	0 : Normal operation mode 1 : Download image from UART PU res 10K Ohm, PD res 10K Ohm