

REALTEK Semiconductor Corp.

SM35B02_2V2 AmebaPro2 MODULE

Cover	1
Module pin out	2
AmebaPro2	3

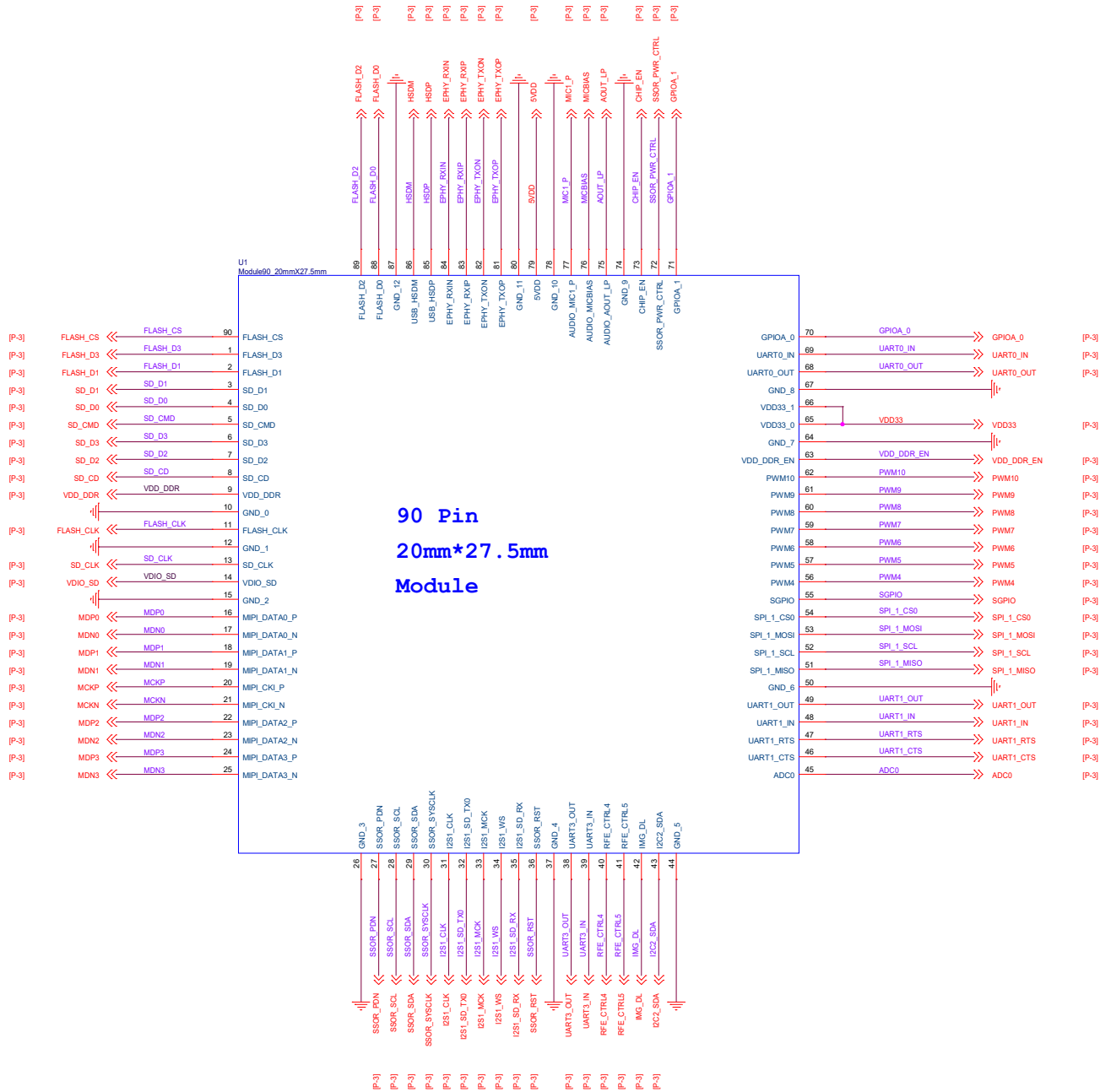
Date Version	Revising history
2021/10/28 1V0	preliminary verison
2022/03/02 2V0	Layout & rBOM modification
2022/04/27 2V1	rBOM modification
2022/05/10 2V2	Add comment on Pin 72

<Variant Name>



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Title Cover		
Size B	Document Name Cover	Rev 2V1
Date: Tuesday, May 10, 2022 Sheet 1 of 3		

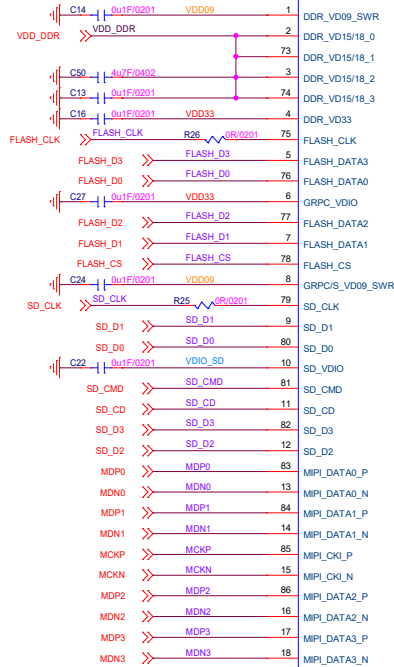


Connecting this point to VDD33 and enlarging C1 to 4.7uF/400 are all recommended.

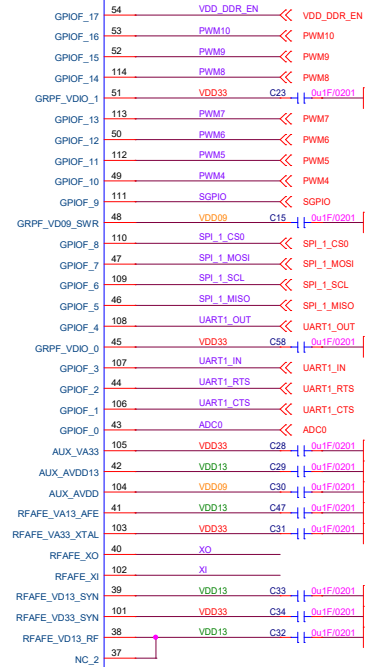
GND keepout at TOP layer

POWER ON LATCH FUNCTION	PIN NO.	DESCRIPTION
TEST_MODE_SEL_GPIO5_5	120	0 : Normal operation mode 1 : Enter into test/debug mode PU res 10K Ohm, PD res 100K Ohm
AUTO_LOAD_FAIL_GPIO4_4	119	0 : Internal NV memory select 1 : Reserved for internal testing use PU res 10K Ohm, PD res 100K Ohm
UART_IMAGE_DLOAD_GPIO5_5	29	0 : Normal operation mode 1 : Download image from UART PU res 10K Ohm, PD res 10K Ohm

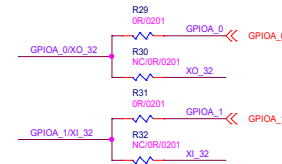
5.0V to 0.9V core power



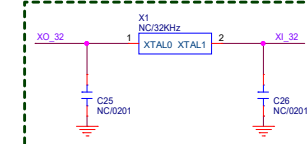
AmebaPro2
QFN128



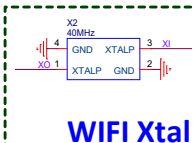
Bootstrap pin



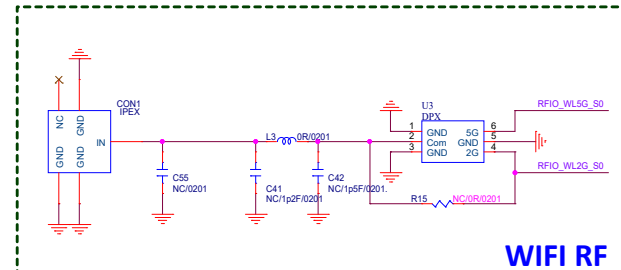
32K Xtal



WIFI Xtal



WIFI RF



<Variant Name>		
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C	AmebaPro2	2/1
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