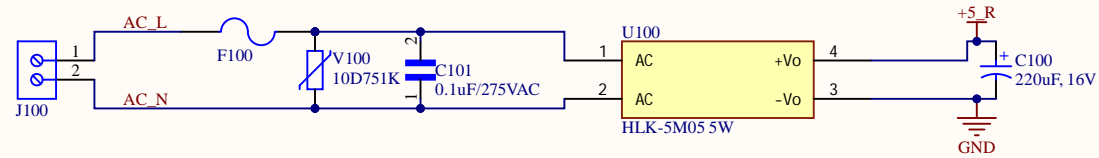
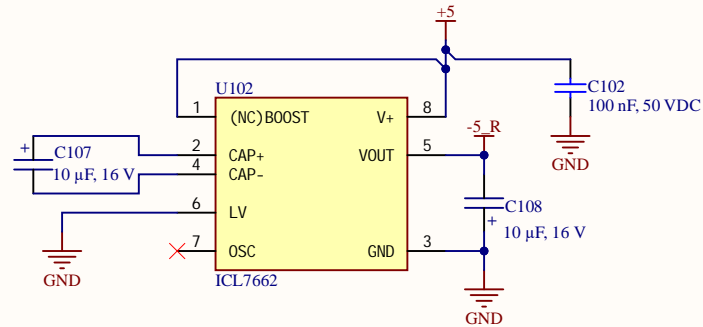


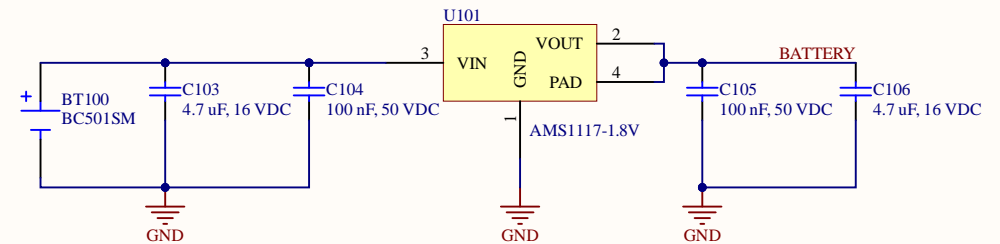
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Date:	3/21/2024	Sheet of
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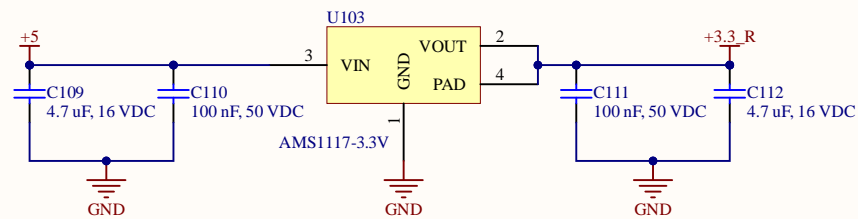
MAINS AC TO 5VDC CONVERTER



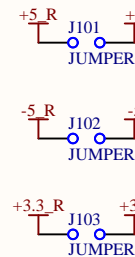
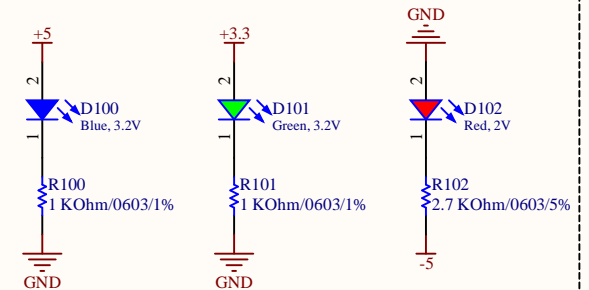
-5V POWER SUPPLY



BACKUP POWER SUPPLY



3.3V POWER SUPPLY

POWER SUPPLY
CHECKING JUMPERS

SIGNAL POWER LEDS



MOUNTING HOLES

LOW-SPEED EXTERNAL OSCILLATOR

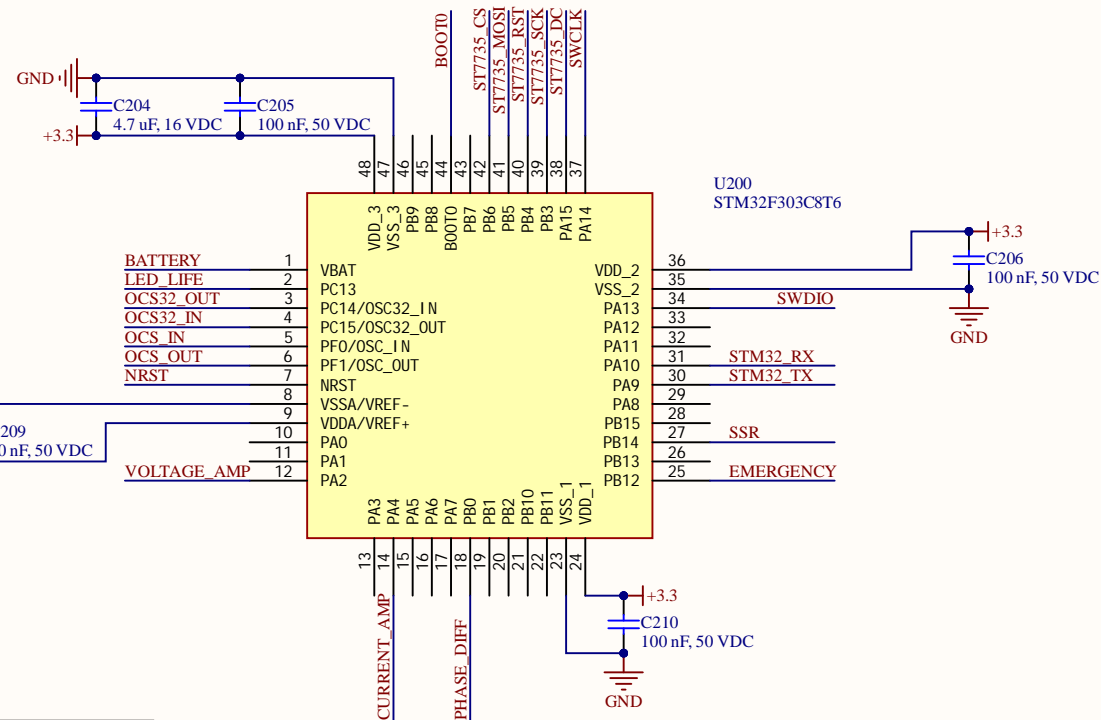
HIGH-SPEED EXTERNAL OSCILLATOR

MCU TEST & DEBUG

RESET MCU

EMERGENCY BUTTON

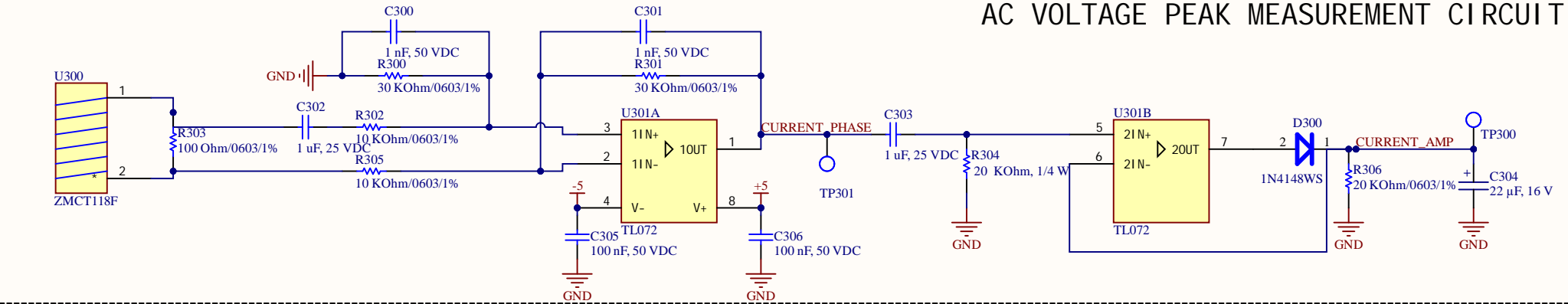
BOOT MODE



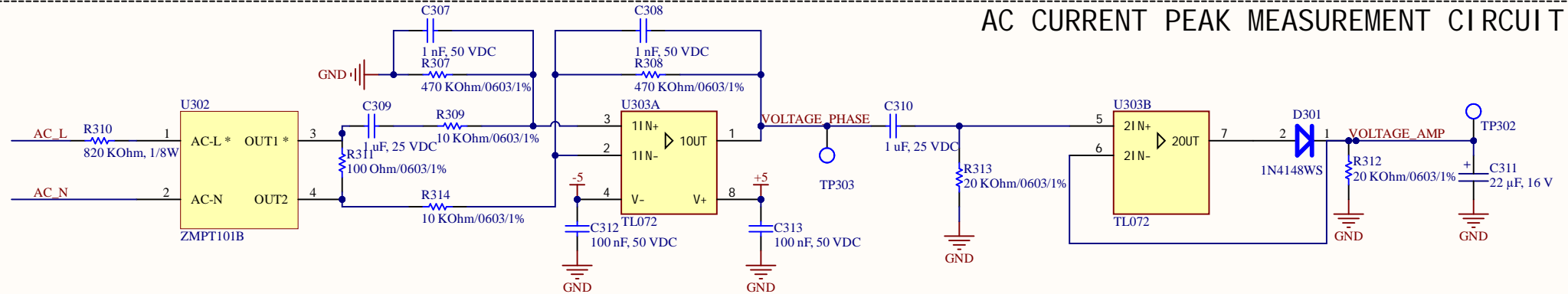
△ CAN THEM LED BAO TIN HIEU UART KHONG?

MI CROCONTROLLER

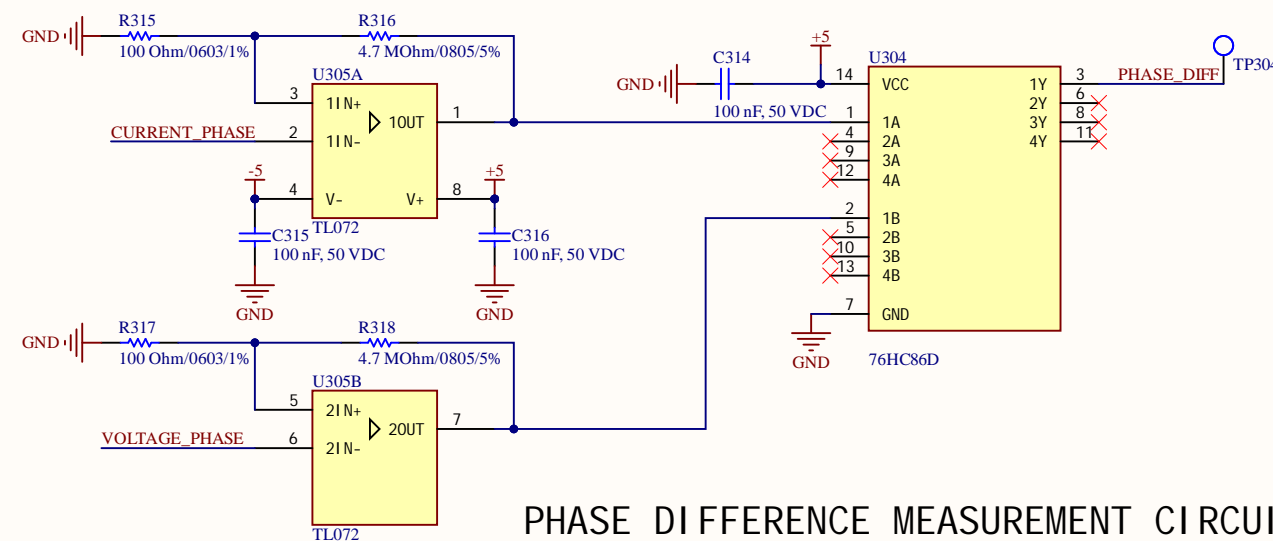
AC VOLTAGE PEAK MEASUREMENT CIRCUIT



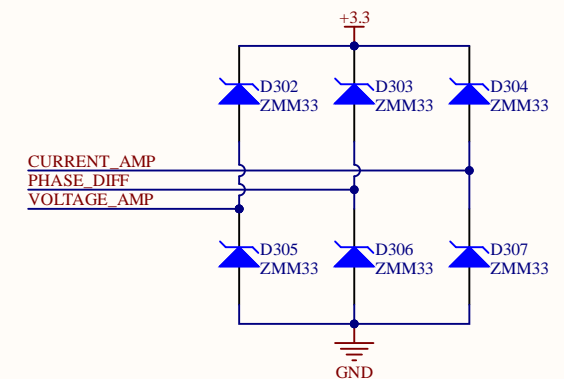
AC CURRENT PEAK MEASUREMENT CIRCUIT



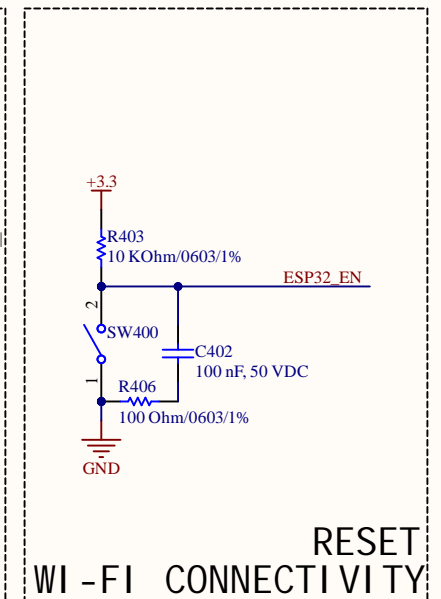
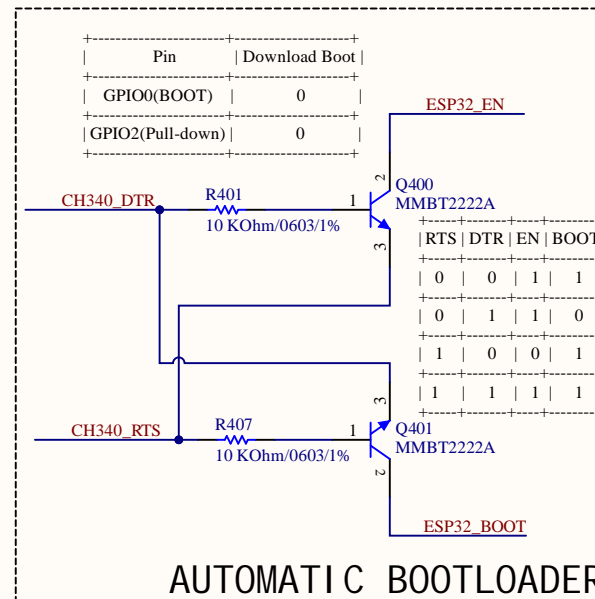
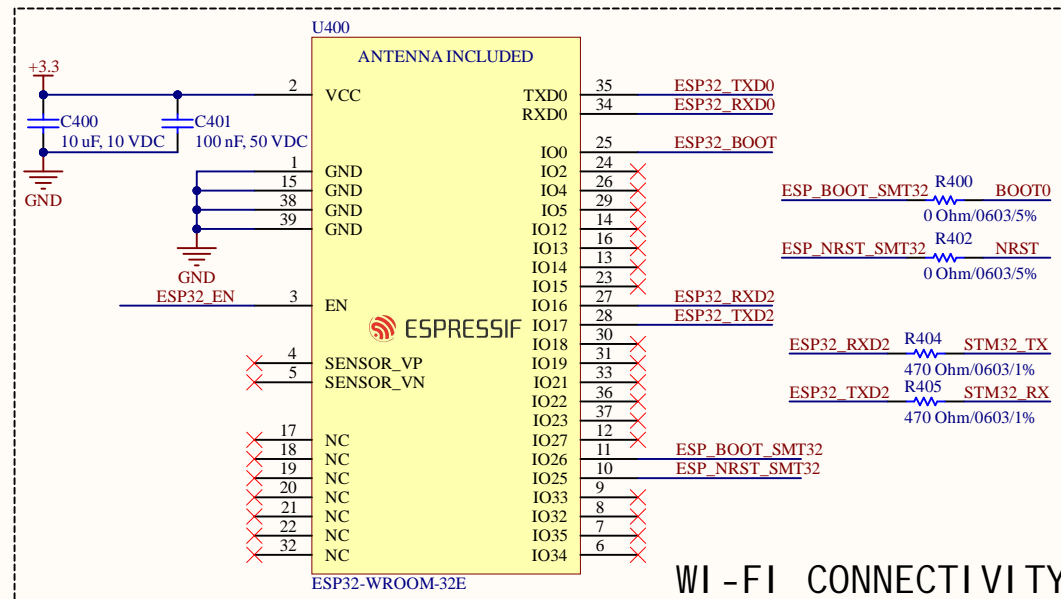
PHASE DIFFERENCE MEASUREMENT CIRCUIT



INPUTS ADC PROTECTION CIRCUIT



A



B

C

D

