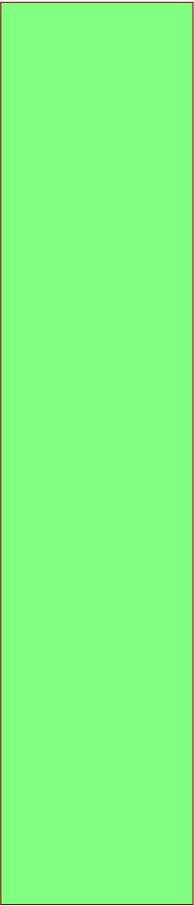
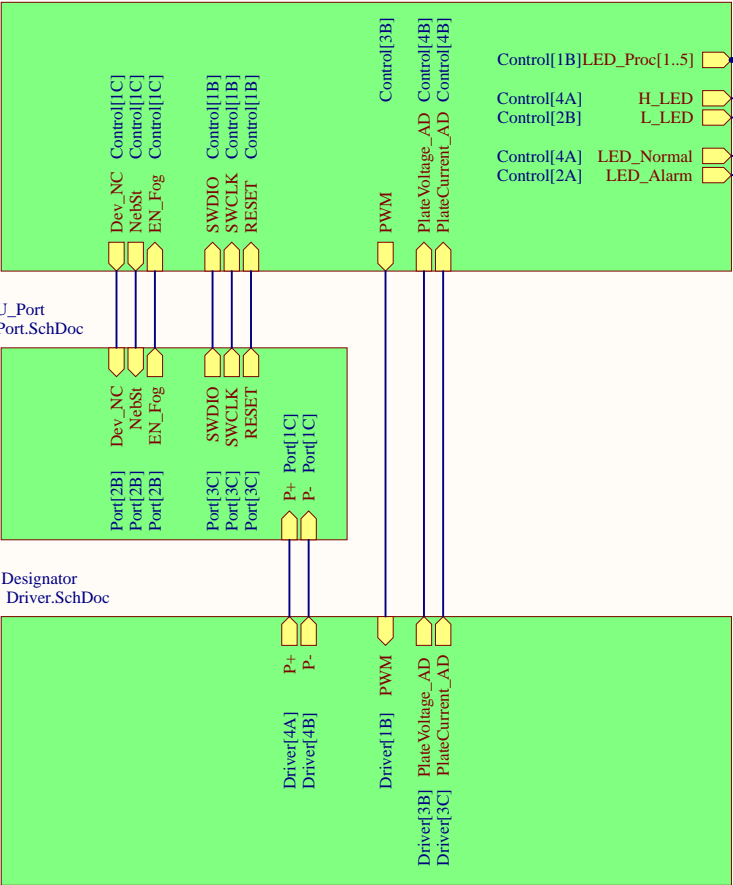


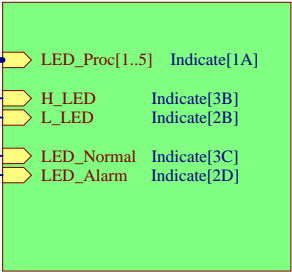
Designator
Power.SchDoc



Designator
Control.SchDoc



Designator
Indicate.SchDoc

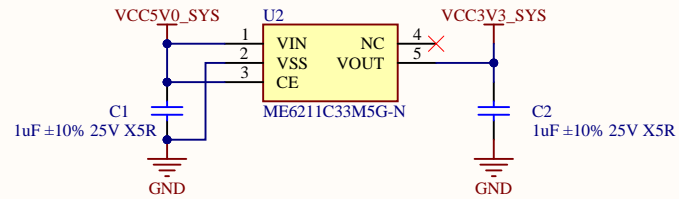


U_ArchitectureBlockDiagram
ArchitectureBlockDiagram.SchDoc

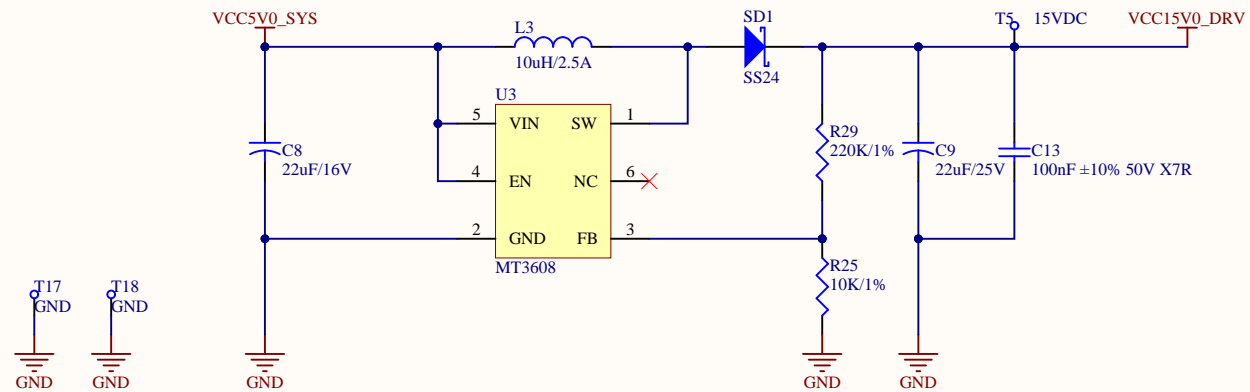


Title		
Size	Number	Revision
A4		
Date:	12/05/2024	Sheet of
File:	C:\Users\...\Top.SchDoc	Drawn By:

LDO



Boost



$$\Delta \quad V_{out} = 0.6 \times (1 + R_{29} / R_{25})$$

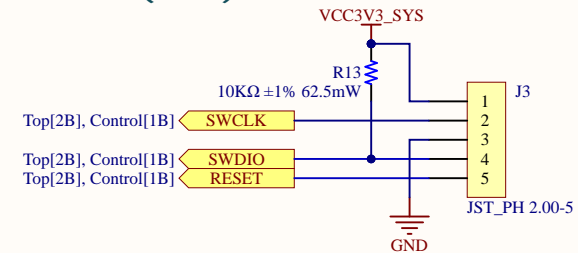
$$15 = 0.6 \times (1 + R_{29} / 10k)$$
$$R_{29} = 240k$$

To improve Nebulize rate, increase to $280\text{k}\Omega$

Title		
Size A4	Number	Revision
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File:	C:\Users\...\Power.SchDoc	Drawn By:

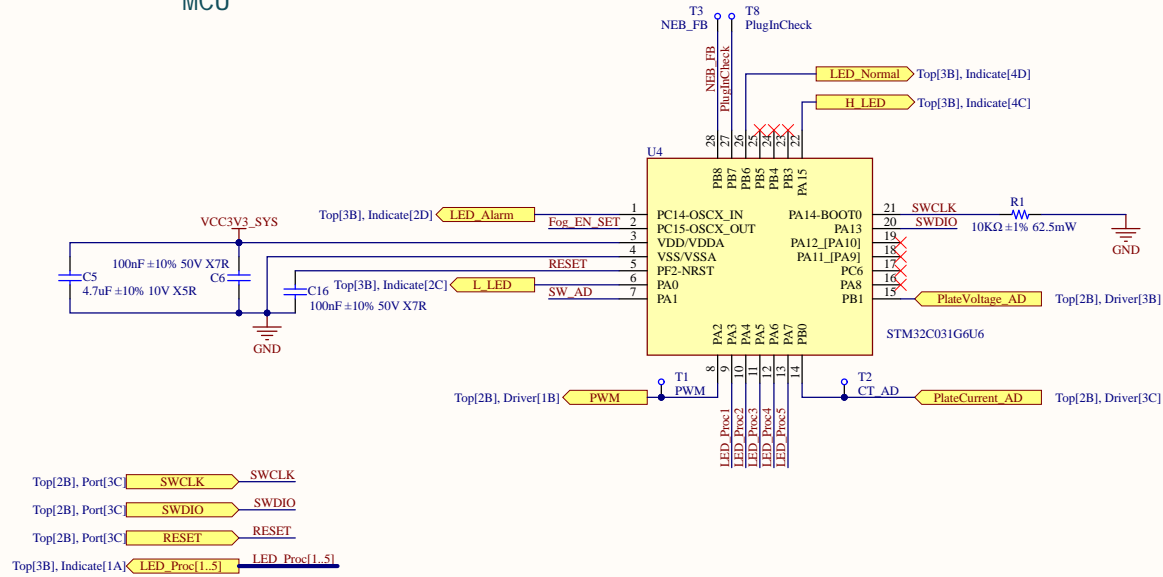
NebSt
雾化器给呼吸机的状态反馈信号，此信号为雾化器反馈当前工作状态的信号

Dev_NC
呼吸机识别雾化器是否插入的信号，此信号用于呼吸机识别雾化器设备是否连入呼吸机系统



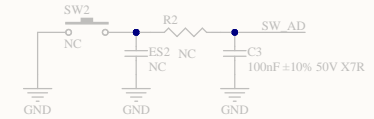
Title		
Size A4	Number	Revision
Date:	12/05/2024	Sheet of
File:	C:\Users\...\Port.SchDoc	Drawn By:

MCU

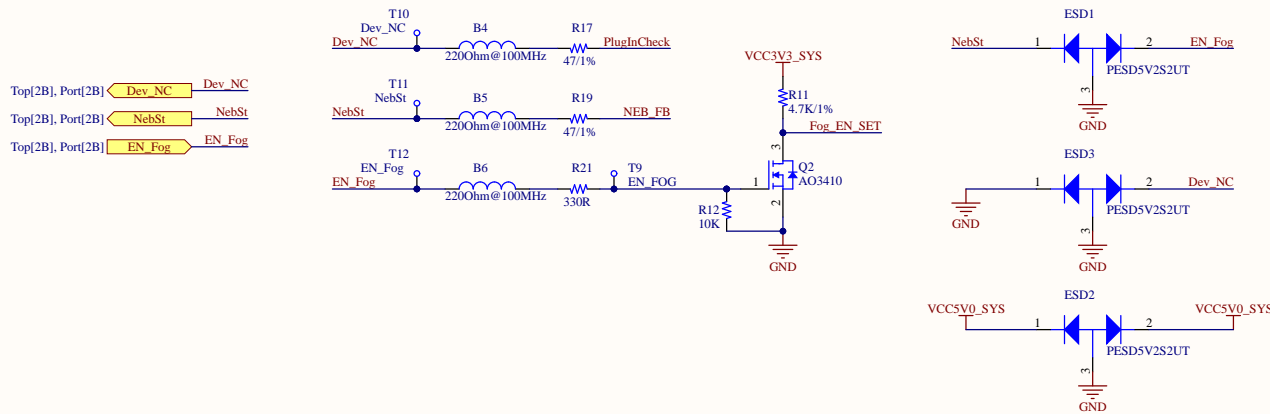


Remove BUTTON FUNC.

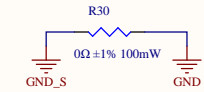
Button



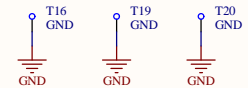
Control Signal



GND together



GND test



MARK Point



Title		
Size	Number	Revision
A3		
Date:	12/05/2024	Sheet of
File:	C:\Users\...\Control.SchDoc	Drawn By:

LED

Top[3B], Control[1B] LED_Proc[1..5] LED_Proc[1..5]

VCC5V0_SYS

R3
220/1%

LED1
LED_BLUE

LED_Proc1

VCC5V0_SYS

R4
220/1%

LED2
LED_BLUE

LED_Proc2

VCC5V0_SYS

R5
220/1%

LED3
LED_BLUE

LED_Proc3

VCC5V0_SYS

R6
220/1%

LED4
LED_BLUE

LED_Proc4

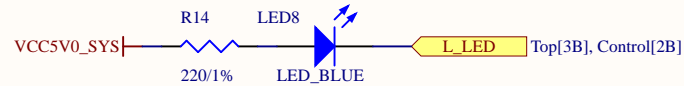
VCC5V0_SYS

R7
220/1%

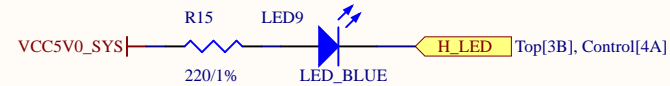
LED5
LED_BLUE

LED_Proc5

15mi ns



30mi ns



Al arm

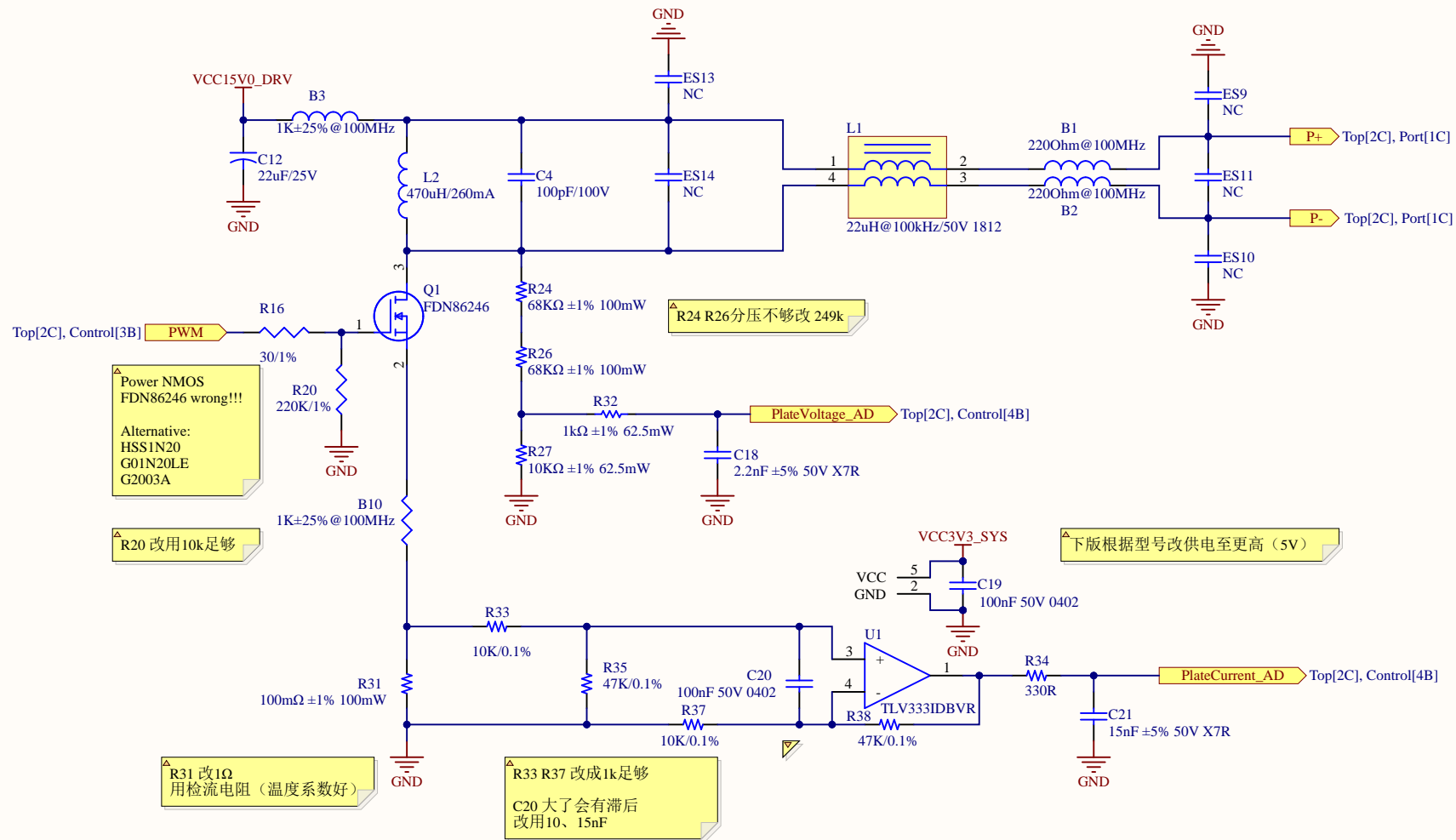


Normal



Title		
Size A4	Number	Revision
Date:	12/05/2024	Sheet of
File:	C:\Users\...\Indicate.SchDoc	Drawn By:

Driver



Title		
Size	Number	Revision
A4		
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File:	C:\Users\...\Driver.SchDoc	Drawn By:

