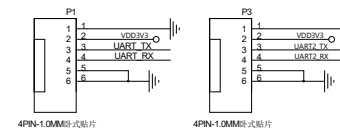
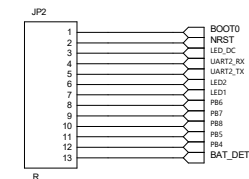


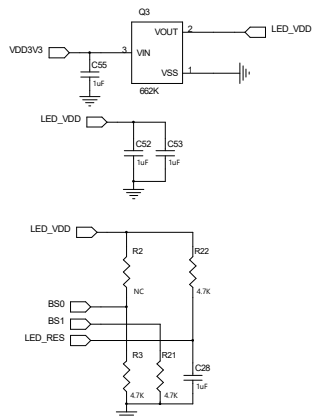
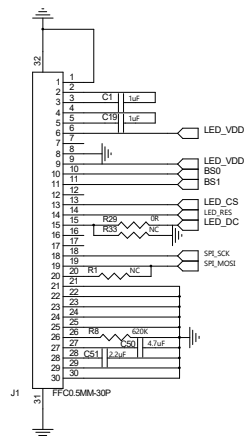
The schematic diagram illustrates the internal circuitry of the AT4600-WF1-ANT module. Key components include:

- RF Front-End:** VR_PA, L5 (4.7nH), C23 (47nF), C24 (68pF), L1 (2.6nH), R9 (0R), R10 (NC), L2 (1.2nH), R8 (0R), R11 (NC), R12 (0R).
- Integrated Circuits:** U7 (AS169-73LF), U6 (BGS125N6).
- Passive Components:** C30 (NC), C31 (NC), C32 (6pF), C33 (6pF), C34 (6pF), C35 (3.6pF), C36 (3.3pF), C37 (NC), C40 (68pF), C41 (NC), C42 (NC), C43 (100R), C45 (3.3pF), C46 (3.3pF), C47 (3.3pF).
- Antennas:** ANT1, ANT2, ANT3, ANT4, ANT5, ANT6, ANT7, ANT8, ANT9, ANT10, ANT11, ANT12, ANT13, ANT14, ANT15, ANT16, ANT17, ANT18, ANT19, ANT20, ANT21, ANT22, ANT23, ANT24, ANT25, ANT26, ANT27, ANT28, ANT29, ANT30, ANT31, ANT32, ANT33, ANT34, ANT35, ANT36, ANT37, ANT38, ANT39, ANT40, ANT41, ANT42, ANT43, ANT44, ANT45, ANT46, ANT47, ANT48, ANT49, ANT50, ANT51, ANT52, ANT53, ANT54, ANT55, ANT56, ANT57, ANT58, ANT59, ANT60, ANT61, ANT62, ANT63, ANT64, ANT65, ANT66, ANT67, ANT68, ANT69, ANT70, ANT71, ANT72, ANT73, ANT74, ANT75, ANT76, ANT77, ANT78, ANT79, ANT80, ANT81, ANT82, ANT83, ANT84, ANT85, ANT86, ANT87, ANT88, ANT89, ANT90, ANT91, ANT92, ANT93, ANT94, ANT95, ANT96, ANT97, ANT98, ANT99, ANT100.
- LEDs:** LED1 (GREEN), LED2 (RED).
- Power and Ground Connections:** VDDRF1V55, VDDPA, VDDRF, GND, VDDIOV, PDS.

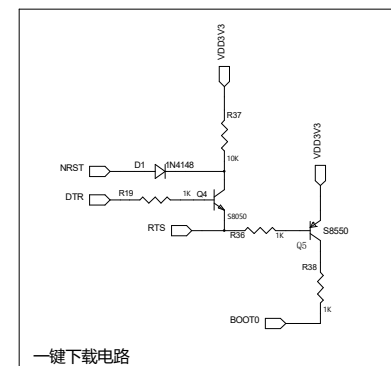
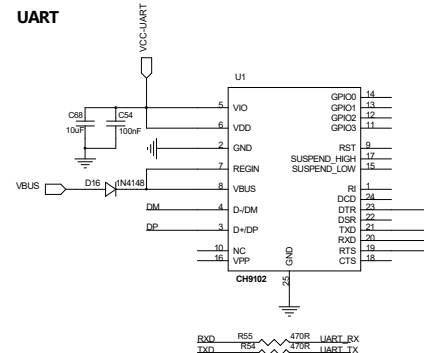
Signal	Pin
+5V	1
VDD3V3	2
VDD_TCM0	6
PB2	7
PA11	8
PA12	9
PC13	10
UART_RX	11
UART_TX	12
PA15	13



OLED

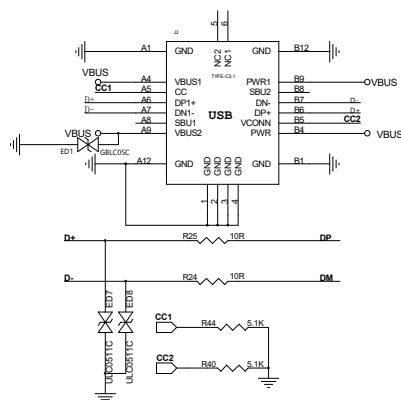


UART

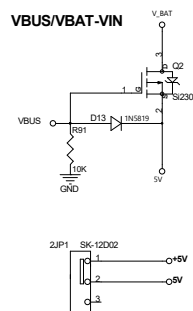


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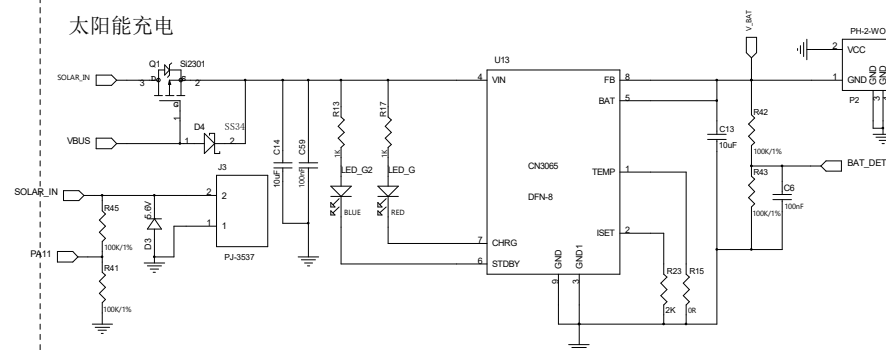
TYPE-C接口



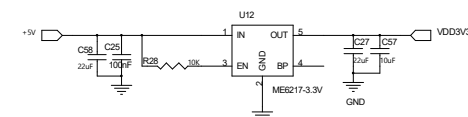
VBUS/VBAT-VIN



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T3_STM32_V1.0

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