

	J1		J2
PC13	1	PB9	1
PC14	2	PB8	2
PC15	3	PB7	3
NRST	4	PB6	4
PA0	5	PB5	5
PA3	6	PB4	6
PA4	7	PB3	7
PA5	8	PD6	8
PA6	9	PD5	9
PA7	10	PC12	10
PC4	11	PC11	11
PC5	12	PC10	12
PB0	13	PA15	13
PB1	14	PA14	14
PB2	15	PA13	15
PB10	16	PA12	16
PB11	17	PA11	17
LINKLED	18	PA10	18
PAS	19	PA9	19

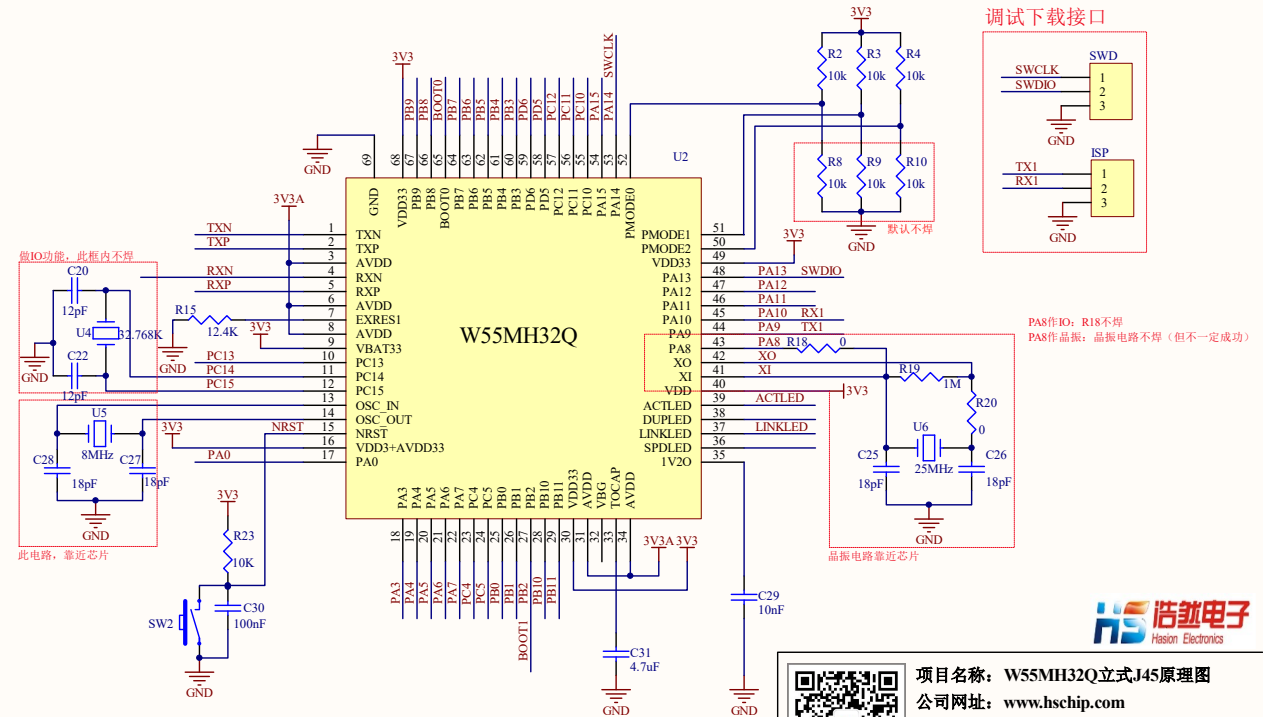
ISP时：短接P3的1、2脚，短接P4运行时：断开P3的1、2脚，短接其2、3脚；P4不管

Diagram illustrating the connection for ISP programming:

- P3 Header:** Pins 1 and 2 are shorted. Pin 3 is connected to a 3V3 supply through a resistor R25. A 10K resistor connects pin 3 to GND.
- P4 Header:** Pins 2 and 3 are shorted. Pin 2 is connected to a 3V3 supply through a resistor R24. A 10K resistor connects pin 2 to GND.

The diagram illustrates the internal circuitry of the HS6580R (立式) module. Key components include:

- U3 (HS6580R Module):** A yellow rectangular component with pins 1 through 12 labeled TD+, TD-, RD+, TCT, RCT, RD-, NC, SHIELD, GRN+, GRN-, YEL-, and YEL+.
- Power Supply Section:** Features a 3V3A input connected to resistors R5 (10R), R6 (49R9), and R7 (49R9). It also includes capacitors C18 (22nF) and C19 (6.8nF).
- Signal Processing Section:** Includes resistors R11 (TXN), R12 (TXP), R13 (RXN), and R14 (RXP), all noted as "EMI不可用". There are also resistors R17 (49R9) and R16 (49R9) connected to ground via capacitor C23 (10nF).
- Grounding and Shielding:** The SHIELD pin (pin 8) is connected to ground. Other grounding points include EARTH, GND, and a 2000V 1nF capacitor (C24) connected between EARTH and GND.
- Other Components:** Resistors R21 (300R) and R22 (300R) are shown at the bottom, along with labels ACTLED and LINKLED.



项目名称: W55MH32Q立式J45原理图
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