



reset

hit the shutdown signal

power failure detection

mainboard 5Vsignal input

while 5V_INT the input voltage is below 4.5V , it is an abnormal signal, and OUT1 outputs a low level

Title			BIGTREETECH RELAY V1.2	
Size	Number		Revision	
A4				
Date:	3/28/2021		Sheet of	
File:	E:\Work Package\...\Relay V1.2.SchDoc		Drawn By:	

Comment	Description	Designator	Footprint	LibRef	Quantity
106	电容	C1, C3	C_0805	CAP	2
104	电容	C2, C4, C5, C6, C7	C_0603	CAP	5
SS24	肖特基二极管	D1	D_SMA_DO_214AC	DIODE_SBD	1
ZM4733A	肖特基二极管	D2	D_LL-41	DIODE_SBD	1
1N4148		D3	D_1206	DIODE	1
LED_Green		D4	LED_0603	LED_Green	1
LED_Red		D5	LED_0603	LED_Red	1
CONT3		J1	HB_9500_3P	CONT3	1
CONT2		J2, J5, J7	2.54-2P-2	CONT2	3
CONT2		J3, J6	SIP2_2MM54	CONT2	2
CONT4		J4	SIP4_2MM54	CONT4	1
S8050	NPN	Q1, Q2	SOT_23_BEC	NPN	2
10K	电阻	R1, R5, R6, R7, R8, R11	R_0603	RES	6
4.7K	电阻	R2	R_0603	RES	1
100R	电阻	R3, R4	R_0603	RES	2
1K	电阻	R9, R10	R_0603	RES	2
200R	电阻	R12	R_0603	RES	1
1.8K	电阻	R13	R_0603	RES	1
RELAY	继电器	T1	RELAY_05VDC	RELAY	1
LOGO		T2	国际静电标志 (24.4*32.5mm)	LOGO	1
AC-DC 220V-5V		U1	AC-DC 220V-5V	AC-DC 220V-5V	1
STC15W201S_8P		U2	SOP_8	STC15W201S	1
LM358		U3	SOP_8	LM358	1