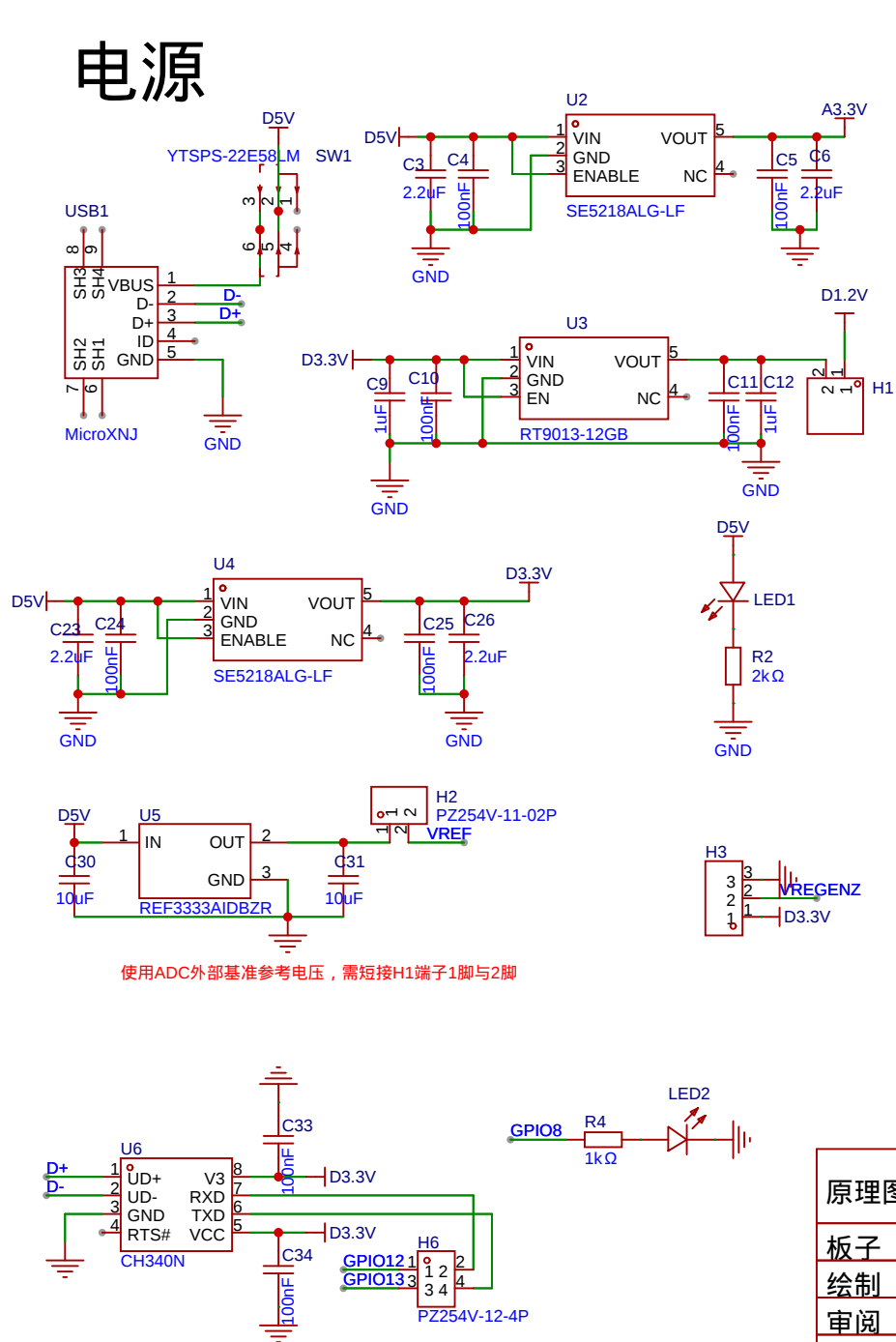


电源



使用ADC外部基准参考电压，需短接H1端子1脚与2脚

GPIO0	I2C-SDA	52
GPIO1	I2C-SCL	51
GPIO2	FSIRX-D0/PMBUS-SDA50	
GPIO3	FSIRX-D1/PMBUS-SCL49	
GPIO4	FSIRX-CLK	48
GPIO5	FSITX-D1	61
GPIO6	CAN TX/FSITX-D0	64
GPIO7	CAN RX/FSITX-CLK	57
GPIO8	SPI-SIMO	47
GPIO9	SPI-CLK	62
GPIO10	SPI-SOMI	63
GPIO11	SPI-STE	31
GPIO12	SCI TX/PMS-CTL	30
GPIO13	SCI RX/PMS-STE	29
GPIO16	EPWM5A	33
GPIO17	EPWM5B	34
GPIO24		35
GPIO28		2
GPIO29		1
GPIO32	LIN TX	40
GPIO33	LIN RX	32

A6	6	A6, PGA5_OF
B2	7	B2, C6, PGA3_OF
B3	8	B3, VDAC
A2	9	A2, B6, PGA1_OF
C4	11	C4, PGA5_IN
C0	12	C0, PGA1_IN
C2	13	C2, PGA3_IN
A1	14	A1, DACB_OUT
A0	15	A0, B15, C15, DACA_OUT
C1	18	C1, PGA2_IN
A4	23	A4, B8, PGA2_OF
B4	24	B4, C8, PGA4_OF
A10	25	A10, B1, C10, PGA7_OF

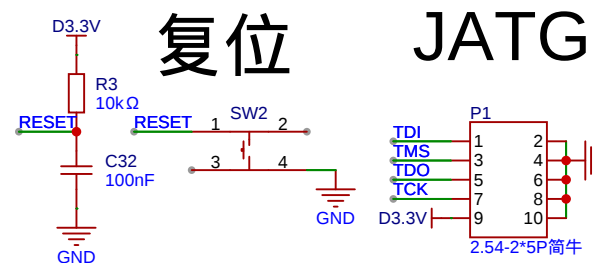
C1	1	C3	2
A4	3	B4	4
A10	5		6
GPIO13	7	GPIO12	8
GPIO33	9	GPIO16	10
GPIO17	11	GPIO24	12
GPIO32	13		14
	15		16
D3.3V	17	GPIO4	18
GPIO3	19	GPIO2	20
GPIO1	21	GPIO0	22
	23		24

GPIO0	X2	41
GPIO1	X1	42
GPIO2		
GPIO3	XRSn	3
GPIO4		
GPIO5		
GPIO6	TCK	36
GPIO7	TDO	37
GPIO8	TMS	38
GPIO9	TDI	39
GPIO10		
GPIO11	VREGENZ	46
GPIO12		
GPIO13	VDDIO_SW	53
GPIO16		
GPIO17	VSW	54
GPIO24		
GPIO28	VFBSW	56
GPIO29		
GPIO32	VSS_SW	55
GPIO33		

QXS320F280049PM
如果使用板载电压做VDAC基准电压，电容C28必须焊接且需短接H2的1脚与H5的9脚

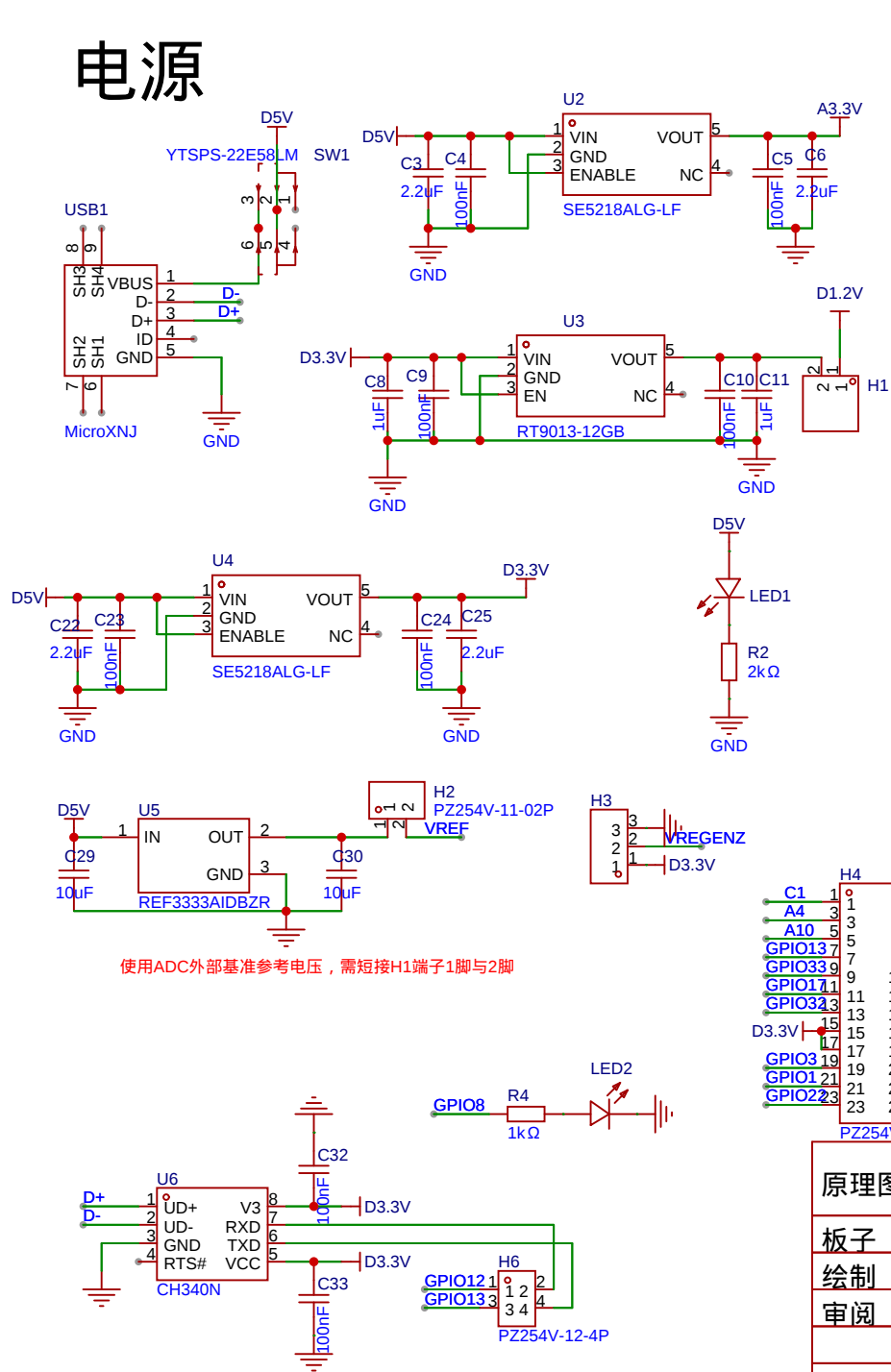
复位

JATG



原理图	049-64PIN-VBA			创建日期	2025-05-21		
				更新日期	2025-07-03		
板子	049-64pin-BA			图页	P1		
绘制				QXS320F280049最小系统板			
审阅							
				版本	尺寸	页 1 共 1	
				V1.0	A4	嘉立创EDA	

电源



GPIO0	I2C-SDA	52
GPIO1	I2C-SCL	51
GPIO2	FSIRX-D0/PMBUS-SDA50	
GPIO3	FSIRX-D1/PMBUS-SCL49	
GPIO4	FSIRX-CLK	48
GPIO5	FSITX-D1	61
GPIO6	CAN TX/FSITX-D0	64
GPIO7	CAN RX/FSITX-CLK	57
GPIO8	SPI-SIMO	47
GPIO9	SPI-CLK	62
GPIO10	SPI-SOMI	63
GPIO11	SPI-STE	31
GPIO12	EPWM7A/PMBUS-CTL30	
GPIO13	EPWM7B/PMBUS-ALT29	
GPIO16	EPWM5A	33
GPIO17	EPWM5B	34
GPIO24		35
GPIO28	SCI_RX	2
GPIO29	SCI_TX	1
GPIO32	LIN_TX	40
GPIO33	LIN_RX	32

A6	6	A6, PGA5_OF
B2	7	B2, C6, PGA3_OF
B3	8	B3, VDAC
A2	9	A2, B6, PGA1_OF
C4	11	C4, PGA5_IN
C0	12	C0, PGA1_IN
C2	13	C2, PGA3_IN
A1	14	A1, DACB_OUT
A0	15	A0, B15, C15, DACA_OUT
C1	18	C1, PGA2_IN
A4	23	A4, B8, PGA2_OF
B4	24	B4, C8, PGA4_OF
A10	25	A10, B1, C10, PGA7_OF

GPIO0	X2	41
GPIO1	X1	42
GPIO2		
GPIO3	XRSn	3
GPIO4		
GPIO5		
GPIO6	TCK	36
GPIO7	TDO	37
GPIO8	TMS	38
GPIO9	TDI	39
GPIO10		
GPIO11	VREGENZ	46
GPIO12	D3.3V	53
GPIO13		
GPIO16	C7	4.7uF
GPIO17	GND	
GPIO24		
GPIO28		
GPIO29		
GPIO32		
GPIO33		

