

54321

COVER

Revision	Description	Date	Drawn	Checked
V10A	Initial	2018-06-09	xxx1zjxxx	

SHT30温湿度计

Power Block:

BUG

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TitleL151\_SHT30\_V10A

SizeA3

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# GPIO ASSIGNMENT

PIN1~PIN25

NUMBER	PIN	Define	Function
1	PTE0		
2	PTE1		
3	PTE2		
4	PTE3		
5	PTE4	UART3-TX	UART3
6	PTE5	UART3-RX	
7	PTE6		
8	VDD		
9	VSS		
10	USB0_DP		
11	USB0_DM		
12	VOUT33		
13	VREGIN		
14	ADC0_DP1		
15	ADC0_DM1		
16	ADC1_DP1	WORK_VOLT	电压检测
17	ADC1_DM1		
18	PGA0_DP		
19	PGA0_DM		
20	PGA1_DP		
21	PGA1_DM		
22	VDDA		
23	VREFH	VREFH	参考源
24	VREFL	VREFL	
25	VSSA		

PIN26~PIN50


NUMBER	PIN	Define	Function
26	VREF_OUT		
27	DAC0_OUT		
28	XTAL32		
29	EXTAL32		
30	VBAT		
31	PTE24		
32	PTE25		
33	PTE26	WDI_INPUT_A	看门狗
34	PTA0	JTAG_TCLK	JTAG
35	PTA1	JTAG_TDI	
36	PTA2	JTAG_TDO	
37	PTA3	JTAG_TMS	
38	PTA4		
39	PTA5		
40	VDD		
41	VSS		
42	PTA12	RMII0_RXD1	RMII
43	PTA13	RMII0_RXD0	
44	PTA14	RMII0_CRS	
45	PTA15	RMII0_TXEN	
46	PTA16	RMII0_TXD0	
47	PTA17	RMII0_TXD1	
48	VDD		
49	VSS		
50	PTA18	CLK_25M	时钟

PIN51~PIN75

NUMBER	PIN	Define	Function
51	PTA19		
52	RESET_b	SYS_RESET#	系统复位
53	PTB0	RMII0_MDIO	RMII
54	PTB1	RMII0_MDC	
55	PTB2	IIC0_SCL	IIC0
56	PTB3	IIC0_SDA	
57	PTB9	IIC0_PORT	
58	PTB10	W25B_CS#	FLASH
59	PTB11	W25B_CLK	
60	VSS		
61	VDD		
62	PTB16	W25B_DO	FLASH
63	PTB17	W25B_DI	
64	PTB18	W25B_HOLD#	
65	PTB19	W25B_WP#	
66	PTB20		
67	PTB21	DAC_HORI_SYNC	DAC
68	PTB22	DAC_HORI_SCLK	
69	PTB23	DAC_HORI_DIN	
70	PTC0	DAC_VERT_SYNC	
71	PTC1	DAC_VERT_SCLK	
72	PTC2	DAC_VERT_DIN	
73	PTC3	VOLT_TANS_DAC_OE	
74	VDD		
75	VSSA		

PIN76~PIN100

NUMBER	PIN	Define	Function
76	PTC4	PhotoSW1	光电开关
77	PTC5	PhotoSW2	
78	PTC6	PhotoSW3	
79	PTC7		
80	PTC8	MOTOR_VERT_DIAG_A	MOTOR
81	PTC9	MOTOR_VERT_EN_A	
82	PTC10	MOTOR_VERT_TACHO_A	
83	PTC11	MOTOR_VERT_FWD/REV_A	
84	PTC12	MOTOR_VERT_BRAKE_A	
85	PTC13	MOTOR_VERT_H1_A	
86	PTC14	MOTOR_VERT_H3_A	
87	PTC15	MOTOR_VERT_H2_A	
88	VSS		
89	VDD		
90	PTC16	VOLT_TRAN_VERT_DE	MOTOR
91	PTC17		
92	PTC18	MOTOR_HORI_DIAG_A	MOTOR
93	PTD0	MOTOR_HORI_EN_A	
94	PTD1	MOTOR_HORI_TACHO_A	
95	PTD2	MOTOR_HORI_FWD/REV_A	
96	PTD3	MOTOR_HORI_BRAKE_A	
97	PTD4	MOTOR_HORI_H1_A	
98	PTD5	MOTOR_HORI_H3_A	
99	PTD6	MOTOR_HORI_H2_A	
100	PTD7	VOLT_TRAN_HORI_DE	

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Designed by xxxx zj xxx		Checked by ?	Approved by ?		

