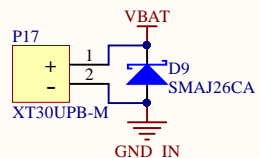
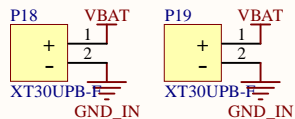


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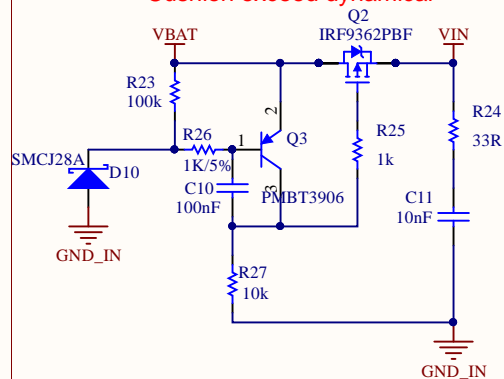
PWR_IN



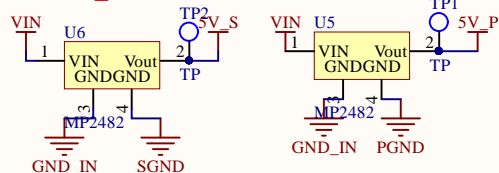
PWR_OUT



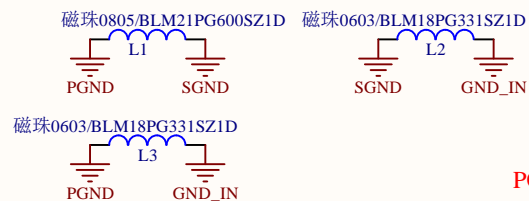
Cushion exceed dynamical



DCDC_Module



电源磁珠



POWER

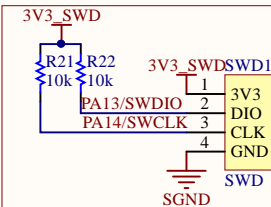
M1

PA0/SPI1_CS1	51	PA0	56	PC0/CAN4_EXTI	
PA1/SPI1_CS2	50	PA1	54	PC1/CAN3_EXTI	
PA2/USART2_TX	49	PA2	52	PC2/DBG_KEY1	KEY
PA3/USART2_RX	48	PA3	53	PC3/VAL3	
PA5/SPI1_SCK	46	PA4	42	PC4/VAL4	
PA6/SPI1_MISO	45	PA5	39	PC5/VAL5	
PA7/SPI1_MOSI	44	PA6	7	PC7/VAL6	
PA9/USART1_TX	8	PA7	9	PC8/VAL7	
PA10/USART1_RX	10	PA8	11	PC9/VAL8	
PA11/VAL1	12	PA9	20	PC10/UART4_TX	UART4
PA12/VAL2	14	PA10	21	PC11/UART4_RX	
PA13/SWDIO	16	PA11	22	PC12/UART5_TX	
PA14/SWCLK	18	PA12			
	19	PA13/SWDIO	17		
		PA14/SWCLK	15		
		PA15	13		
PB0/TIM3_CH3/ADC_IN8	40	PB0	23	PD2/UART5_RX	UART5
PB1/TIM3_CH4/ADC_IN9	37	PB1			
PB3/SPI3_SCK	24	PB2	41		
PB4/SPI3_MISO	25	PB3	43		
PB5/SPI3_MOSI	26	PB4	58		
PB6/SPI3_CS	27	PB5	60		
PB7/I2C1_SDA	28	PB6			
PB8/CAN1_RX	29	PB7	55		
PB9/CAN1_TX	30	PB8	1	5V_S	
PB10/TIM2_CH3	35	PB9	3	3V3_SWD	
PB11/USART3_RX/REMOTE36	36	PB10			
PB12/CAN2_RX	33	PB11	2		
PB13/CAN2_TX	34	PB12	4		
PB14/TIM1_CH2N/TIM8_CH3N	34	PB13	59		
PB15/TIM1_CH3N/TIM8_CH3N	34	PB14	57		
		PB15			

MIN_SYS

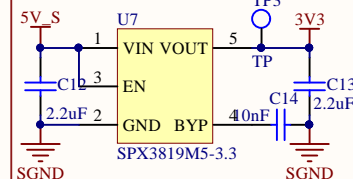
STM32_LQFP64核心板

SGND

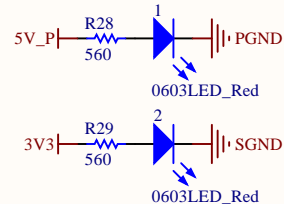


Jlink

LDO_3V3

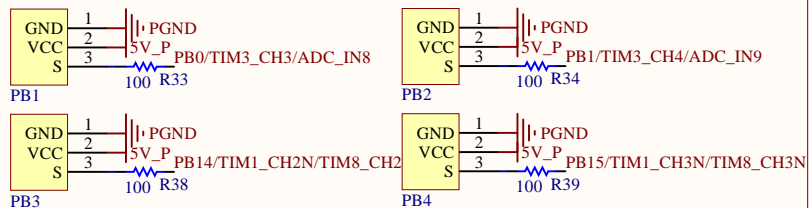


POWER_LED

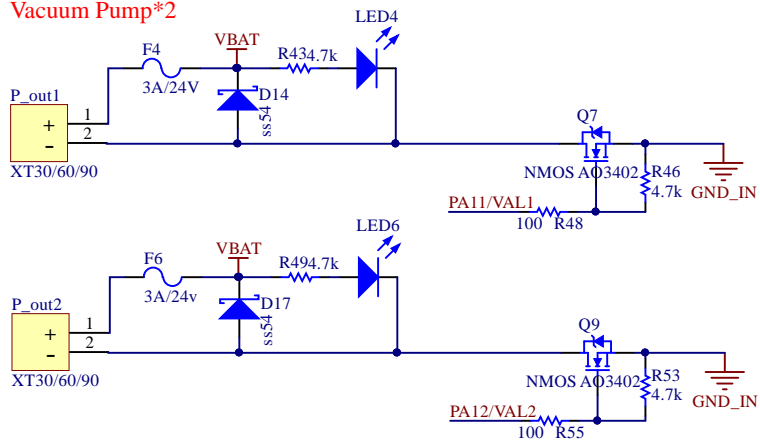


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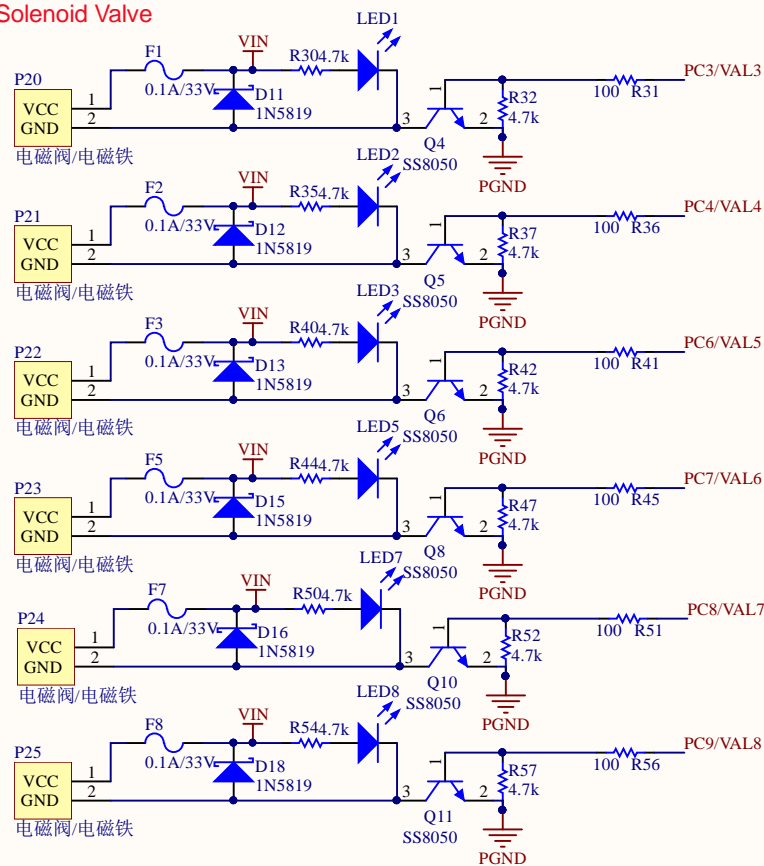
TIM/IO-3P



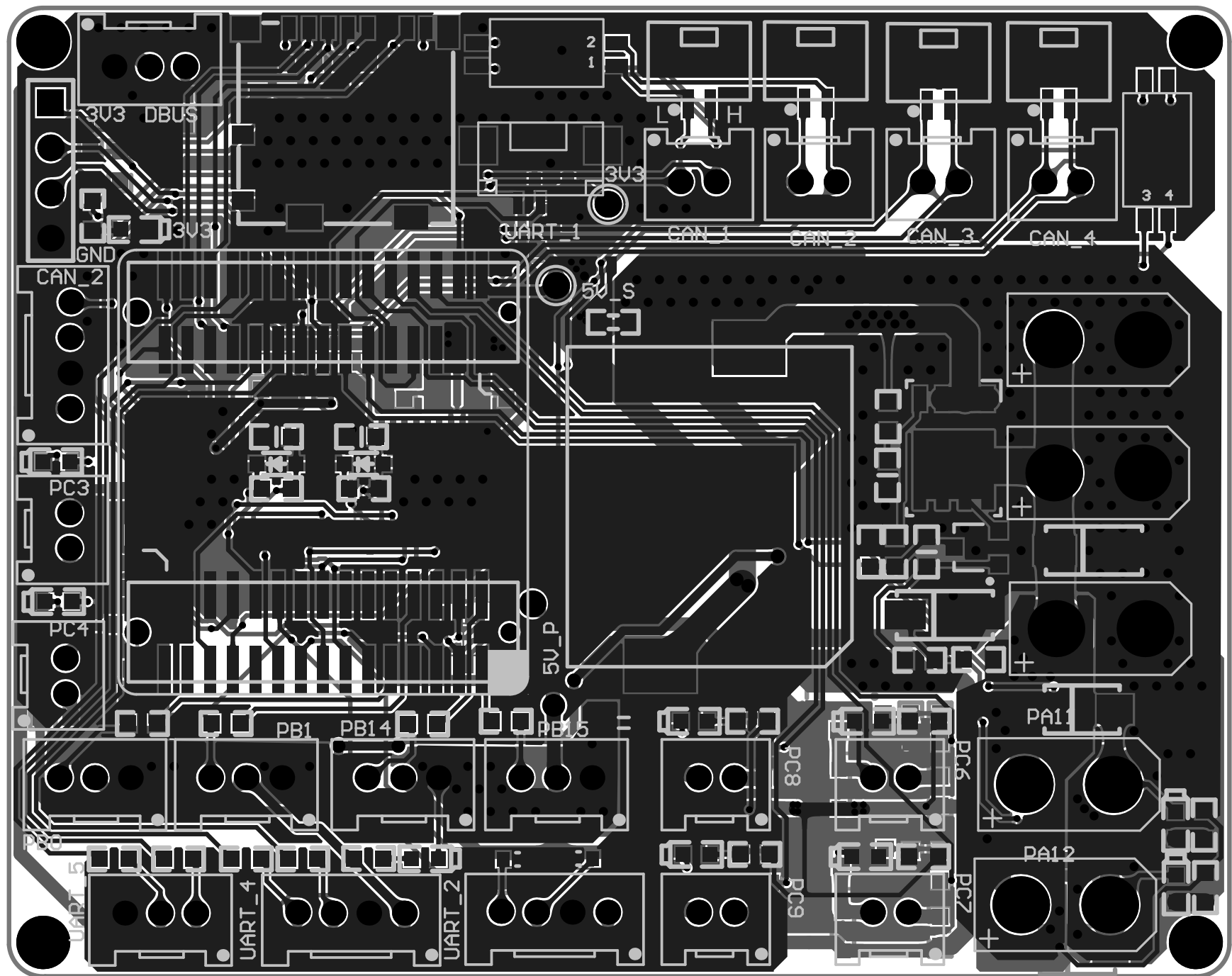
Vacuum Pump*2



Solenoid Valve



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Board Stack Report