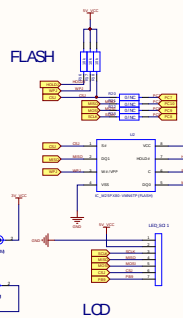
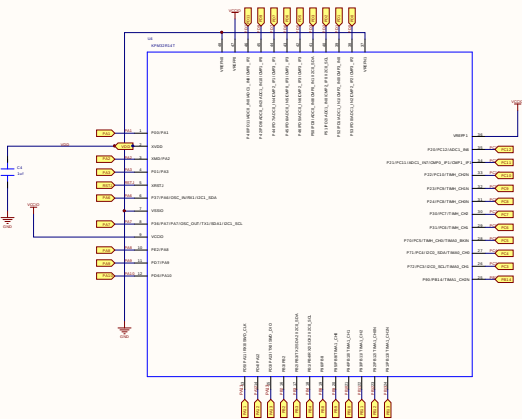
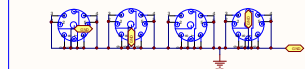
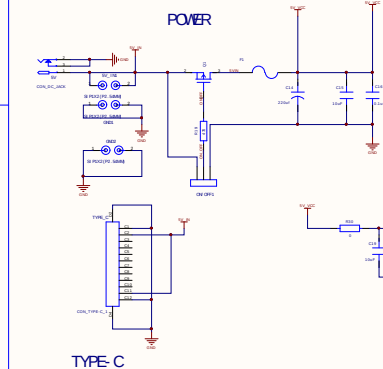
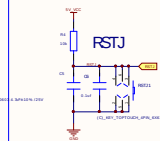
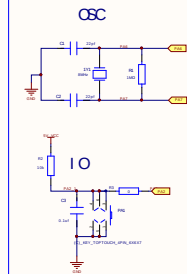


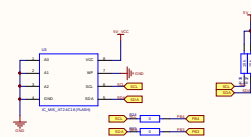
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A							A
B							B
C							C
D							D
1		2		3		4	

Title			
Size	Number		Revision
A4			
Date:	2025/9/26	Sheet	of
File:	D:\Project\...\CON.SchDoc		Drawn By:

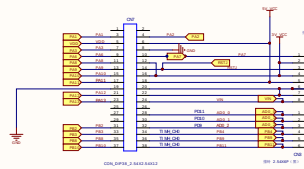
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Size	Number		Revision
A4			
Date:	2025/9/26	Sheet	of
File:	D:\Project\...\CON.SchDoc	Drawn By:	



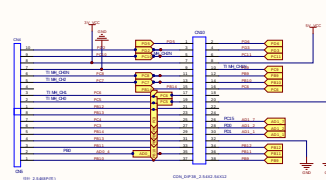
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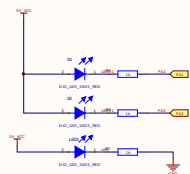
Mr pho connect or



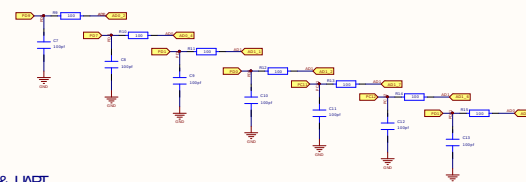
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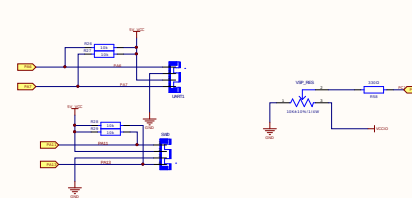
LED



ADC



SMD & UART



REVISION HISTORY			
DATE	DESCRIPTION	APPROVED	DATE

COMPONENT			
KPM2R4T V1			
NAME	DATE	CODE	DATE

REVISION HISTORY			
DATE	DESCRIPTION	APPROVED	DATE

Comment	Description	Designator	Footprint	LibRef	Quantity
OSC_QUARTZ_HC-49U/S	晶体振荡器 HC-49U/S	1Y1	OSC_2PIN_D4.88	OSC_QUARTZ_HC-49U/S	1
SIP1X2(P2.54MM)		3V_SHORT1, 5V_IN1	SIP2P2.54	SIP1X2(P2.54MM)	7
CON_DC_JACK	电源插座	5V	CON_DC_JACK_V1	CON_DC_JACK	1
CAP_0603_22PF_5%	片状电容 0603 220J/5%	C1, C2	0603_HLH_V2	CAP_0603_22PF_5%	2
CAP_0603_0.1UF_10%	片状电容 0603 0.1uF/10%	C3, C6, C16, C17, C18	0603_HLH_V2	CAP_0603_0.1UF_10%	6
CAP_0603_1UF_10%	片状电容 0603 1uF/10%	C4	0603_HLH_V2	CAP_0603_1UF_10%	1
CAP_0603_4.7UF_10%	片状电容 0603 4.7uF/10%	C5	0603_HLH_V2	CAP_0603_4.7UF_10%	1
CAP_0603_100PF_5%	片状电容 0603 100pF/5%	C7, C8, C9, C10, C11,	0603_HLH_V2	CAP_0603_100PF_5%	7
(C)_CAP_EC_220UF	电解电容-引线式 220uF	C14	CAP_EC_R4D2.54	(C)_CAP_EC_220UF	1
CAP_0603_10UF_20%	片状电容 0603 10uF/20%	C15, C19	0603_HLH_V2	CAP_0603_10UF_20%	2
CON_SIP8_2.54X16.5	排针 2.54X8P(黑)	CN2, CN5	CON_SIP08_T	CON_SIP8_2.54X16.5	2
CON_SIP6_2.54X12.5	排针 2.54X6P (黑)	CN3	CON_SIP06_T	CON_SIP6_2.54X12.5	1
CON_SIP10_2.54X20	排针 2.54X10P(黑)	CN4	CON_SIP10_T	CON_SIP10_2.54X20	1
CON_DIP38_2.54X2.5	排针 PH2.54 2X19P(3)	CN7, CN10	CON_DIP38_2.54X2.5	CON_DIP38_2.54X2.5	2
FUSE_1206F6A/63V	保险管 1206F 6A/63V	F1	FUSE_H0.75D3.2_HLH	FUSE_1206F6A/63V	1
HOLE3.5MM		H1, H2, H3, H4	PAD3.5	HOLE3.5MM	4
DIO_LED_0603_RED	片状发光二极管 0603	LED1, S1, S2	DIO_LED_0603_HLH	DIO_LED_0603_RED	3
CON_SIP7_2.54X11.6	排针 7针	LED_SCI1	CON_SIP07_T	CON_SIP7_2.54X11.6	1
CON_SIP3_2.54X11.6	排针 2.54X3P(黑)	ON/OFF1	CON_SIP03_T	CON_SIP3_2.54X11.6	1
(C)_KEY_TOPTOUCH	轻触开关(四脚) 6X6X	PA1, RSTJ1	KEY_TOPTOUCH66-	(C)_KEY_TOPTOUCH	2
MOSFET_SOT-23POV	场效应晶体管 BRCS3	Q1	SOT-23_HLH_V1	MOSFET_SOT-23POV	1
RES_0603_1M_1%_0	片状电阻 0603 1MΩ/1%	R1	0603_HLH_V2	RES_0603_1M_1%_0	1
(C)_RES_0603_10K_5	片状电阻 0603 10KΩ/5%	R2, R4, R16, R17, R18	0603_HLH_V2	(C)_RES_0603_10K_5	11
(C)_RES_0603_0_5%	片状电阻 0603 0Ω/5%	R3, R20, R21, R22, R23	0603_HLH_V2	(C)_RES_0603_0_5%	7
(C)_RES_0603_1K_0	片状电阻 0603 1KΩ/1%	R5, R6, R7	0603_HLH_V2	(C)_RES_0603_1K_0	3
RES_0603_100_5%	片状电阻 0603 100Ω/5%	R9, R10, R11, R12, R13	0603_HLH_V2	RES_0603_100_5%	7
RES_0603_470_5%	片状电阻 0603 470Ω/5%	R19	0603_HLH_V2	RES_0603_470_5%	1
RES_0603_0_5%_0.1	片状电阻 0603 0Ω/5%	R30	0603_HLH_V2	RES_0603_0_5%_0.1	1
RES_0603_330_1%	片状电阻 0603 330Ω/1%	R58	0603_HLH_V2	RES_0603_330_1%	1
(C)_CON_B4B-XH-A	针座 B4B-XH-A(红)	SWD	CON_B4B-XH-A	(C)_CON_B4B-XH-A	1
CON_TYPE-C_1	插座USB插座(防水Type-C)	TYPE_C	CON_TYPE-C_1_HLH	CON_TYPE-C_1	1
IC_M25PX80-VMN6TP	IC M25PX80-VMN6TP	U2	IC_SO1.27P6.2_8_HLH	IC_M25PX80-VMN6TP	1
IC_MIS_AT24C16(FLASH)	IC AT24C16(FLASH)	U3	IC_SO1.27P6.2-8_HLH	IC_MIS_AT24C16(FLASH)	1
KPM32R14T	KPM32R14T	U4	IC_LQFP7X7-48_HLH	KPM32R14T	1
(C)_CON_B4B-XH-A	针座 B4B-XH-A(黑)	UART1	CON_B4B-XH-A	(C)_CON_B4B-XH-A	1
RES_VR1_10K_10%	可调电阻 10K±10%/100mW	VSP_RES	RES_VR1_10K	RES_VR1_10K_10%	1