









Comment	Description	Designator	Footprint	LibRef	Quantity
BEEP	蜂鸣器	B1	BEEP 9x5.5mm	BEEP	-
Γ-S 10uF 3216 16V	贴片钽电容 10uF 3216 16V	C1, C6, C13	CAP-T-S 3216	T-S 10uF 3216 16V	
uF 16V X7R	贴片瓷片电容; MLCC; 0603(1608);	C2	CAPC1608[0603]S-L	1uF 0603 16V X7R	
00nF 50V X7R	贴片瓷片电容; MLCC; 0603(1608);	C3, C7, C8, C11, C14, C15, C16, C21	CAPC1608[0603]S-L	100nF 0603 50V X7R	1
220uF 25V 铝电解	贴片电解电容 220uF 25V 6.3x7.7	C4, C9, C17, C19	CAP-E-S 6.3	E-S 220uF 25V 6.3x7.7	
17uF 50V X7R	贴片瓷片电容; MLCC; 0603(1608);	C5, C18	CAPC1608[0603]S-L	100nF 0603 50V X7R	
1.7uF 50V X7R	贴片瓷片电容; MLCC; 0603(1608);	C10, C20	CAPC1608[0603]S-L	100nF 0603 50V X7R	
1.7nF 50V X7R	贴片瓷片电容; MLCC; 0603(1608);	C12, C22	CAPC1608[0603]S-L	4.7nF 0603 50V X7R	
3ZT52C16	稳压二极管 齐纳二 极管 Zener Diode	D1	SOD-123-L	Diode Zen	
S54	SS54 肖特基二极管	D2	SMA-L[DO-214AC]	SS54	
「型插头	T型插头	DCIN1	CONN-TH_AM-	T_Header	
1.7uH 5A	功率电感	L1, L2	1015B-F 0630 TPC 7*7*3	Ind-Power	
要绿贴片LED	翠绿贴片LED	LED1, LED2, LED3, LED4, LED5	LEDC1608(0603)-L	LED Chip Green	
Header-D-F 2x8P	2x8pin, 直插, 双排座	P1	Cam_HDR2X8-F- SMT	Header-D-F 2x8P	
leader-D-M 1x3P	1x3pin, 直插, 排针	P2, P7, P16	HDR1X3-M	Header-D-M 1x3P	1
Header-D-M 1x8P	1x8pin, 直插, 排针	P3, P6	Fe-HDR1X8/2.54-S	Header-D-M 1x8P	
Header-D-M 2x3P	2x3pin, 贴片, 双排针	P4, P5	HDR2.54-M-LS- 2x3P	Header-S-M 2x3P	
Header-D-M 2x3P	2x3pin, 贴片, 双排针	P8, P9, P13, P14	DC3-6P-2.54mm	Header-S-M 2x3P	
(F/WJ/DG 30x	接线端子 2Pin	P10, P17	KF/WJ/DG 301-2p-	KF/WJ/DG 30x	
connecter		· ·	5.0mm		-
Header-S-F 2x4P Header-D-M 1x3P	2x4pin, 贴片, 双排座 1x3pin, 直插, 排针	P11 P12, P15, P18, P19	HDR2X4-F-SMT Fe-HDR1X3/2.54-S	Header-S-F 2x4P Header-D-M 1x3P	-
Header-D-M 1x3P	1x4pin, 直插, 排针	P20	HDR1X4-M	Header-D-M 1x4P	
leader 5	Header, 5-Pin	P29	HDR1X5	Header 5	
HY19P03	HY19P03 P-Channel MOSFET	Q1	TO-252AA	HY19P03	
88050	Discrete NPN Bipolar Transistor	Q2	SOT-23	NPN S8050	
100R ±1%	贴片电阻	R9, R10, R11, R12, R13, R14, R15, R17, R18, R22, R27, R28, R29, R30, R31, R32, R33, R34, R53	RESC1608[0603]S-L	Res-Chip	
10K ±1%	贴片电阻	R4, R6, R7, R16, R21, R45, R48, R49, R50	RESC1608[0603]S-L	Res-Chip	
10R ±1%	贴片电阻	R19	RESC1608[0603]S-L	Res-Chip	
1.7K ±1%	贴片电阻	R20, R44, R51, R52		Res-Chip	
1K ±1%	贴片电阻	R23, R24, R25, R26	RESC1608[0603]S-L	Res-Chip	
15K ±1%	贴片电阻	R35		Res-Chip	
20K ±1%	贴片电阻	R36, R41		Res-Chip	
10K	可调电阻	R37	RESPOT3296W	Res-Adj-3p	-
200K ±1% 3.3K ±1%	贴片电阻 贴片电阻	R38, R43 R39	RESC1608[0603]S-L RESC1608[0603]S-L	Res-Chip Res-Chip	
5.5K ± 1%	贴片电阻	R40	RESC1608[0603]S-L	Res-Chip	
1.5K ±1%	贴片电阻	R42	RESC1608[0603]S-L		
OR ±1%	贴片电阻	R46, R47	RESC1608[0603]S-L		
SW-SPDT	单刀双掷开关 3脚船型、钮子、拨动开关 SPDT Subminiature Toggle Switch	S1	SS-12F23	SW-SPDT	
SW DIP-2	2位拨码开关	S2	Code SW-2-DIP- 2.54	Code SW-2	
Button	按键	S3, S4, S5, S6	PTS810-3*4- CurvePin	KEY	
MIMXRT1064xVL_C preBoard	逐飞科技i.MX RT1064核心板整体 原理,可直接使用	U1	MIMXRT1064xVL_C oreBoard - 3D	MIMXRT1064xVL_C oreBoard	
RT9013-33	3.3V 500mA SOT- 23-5 LDO	U2, U4	SOT-23-5	RT9013-33	
	3.8V-36V Vin, 5A,				
GCT2450	High Efficiency Synchronous Step- down DCDC Converter with Programmable	U3, U5	SOP-8E	SCT2450	
SCT2450 SY6280	Synchronous Step- down DCDC Converter	U3, U5	SOP-8E SOT-23-5	SCT2450 SY6280	