

Revision History

NO. 序号	BOM Version 版本	Prepared by 拟制人	Content of Change 变更内容	Submit Date 提交日期	SCH Ver. 适用原理图版本
1	1.0.0	张本贞	首次创建	2020/11/16	1.0.0
2	1.0.1	张本贞	同步PCB改板后的物料号	2021/1/5	1.0.0
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BOM OF EVB_PHY_SZ18201_V1.0.1 PCBA

序号 NO.	类别 Catalog	料号 Part Number	规格描述 Description	位号 Designator	数量 Quantity	备注 Remark
1	陶瓷电容	CC0301040XX	C/C,100nF,25V,+/-5%,0603	C1, C8, C10, C11, C12, C13, C14	7	
2	陶瓷电容	CC0501063XX	C/C,10uF,16V,+/-20%,0805	C2, C34, C38	3	
3	陶瓷电容	CC0301800XX	C/C,18pF,25V,+/-5%,0603	C5, C6	0	
4	陶瓷电容	CC1004760XX	C/C,47uF,10V,+/-10%,1210	C7	1	
5	陶瓷电容	CC1002260XX	C/C,22uF,16V,+/-10%,1210	C9	1	
6	陶瓷电容	CC0304752XX	C/C,4.7uF,10V +/-10%,0603	C33, C35	2	
7	陶瓷电容	CC0601021XX	C/C,1nF,2KV,+/-10%,1206	C62	1	
8	Connector	CNBBM4000XX	0.5mm , BTB2*20Pin , SMT , 公座 , H3.0 , DF12#(3.0)-40DS-0.5	CON1	1	
9	Connector	CNBBM2000XX	0.5mm , BTB2*10Pin , SMT , 公座 , H3.0 , DF12#(3.0)-20DS-0.5	CON2	1	
10	二极管	DD32SCH07XX	Schottky Barrier Diodes,SD103AWS,SOD-323	D1	1	
11	贴片磁珠	BE0306011XX	BLM18BD601SN1, 600R@100MHz	FB1	1	
12	二极管	LE03GXX00XX	GREENLED,0603	LED1	1	
13	二极管	LE03YXX00XX	YELLOW,LED0603	LED2	1	
14	贴片电阻	CR0307500XX	Res,75R,1/10W,+/-5%,0603	R1	1	
15	贴片电阻	CR0300000XX	Res,0R,1/10W,+/-5%,0603	R2, R14	0	
16	贴片电阻	CR0301010XX	Res,100R,1/10W,+/-5%,0603	R3	1	
17	贴片电阻	CR0301020XX	Res,1K,1/10W,+/-5%,0603	R4, R46	2	
18	贴片电阻	CR0304720XX	Res,4.7K,1/10W,+/-5%,0603	R5, R6, R30, R44	4	

19	贴片电阻	CR0300000XX	Res,0R,1/10W,+/-5%,0603	R7, R21	2	
20	贴片电阻	CR0300000XX	Res,0R,1/10W,+/-5%,0603	R9	1	
21	贴片电阻	CR0347020XX	Res,47K,1/10W,+/-1%,0603	R10	1	
22	贴片电阻	CR0324910XX	Res,2.49K,1/10W,+/-1%,0603	R11	1	
23	贴片电阻	CR0302200XX	Res,22R,1/10W,+/-5%,0603	R12, R13, R16, R17, R20, R22, R23, R24, R25	9	
24	贴片电阻	CR0304720XX	Res,4.7K,1/10W,+/-5%,0603	R33, R43, R45	0	
25	贴片电阻	CR0302211XX	Res,220R,1/10W,+/-1%,0603	R49, R50	2	
26	集成电路	JCQFNPY04XX	Ethernet PHY,SZ18201,QFN32	U1	1	
27	网络变压器	TFSMD1601XX	Transformer,Trxcom,TRC1188NL,16pin	U500	1	
28	晶振	XR0025MS0XX	25MHz,CL=10pF,10ppm,3225	X1	0	
29	PCB	PBV5001A2XX	PCB EVB_PHY_SZ18201_V1.0.1,1.6mm,4Layer,Gloden,FR4		1	
30	PCBA	PAV5001A21X	PCBA EVB_PHY_SZ18201_V1.0.1,1.6mm,FR4		0	
31	物料编号	11-02-1049	EVB_PHY_SZ18201_V1.0.1,A版本		0	
End						

- 说明：
- 1、数量一栏填写为0表示此行所指位号的器件不贴片
 - 2、对于研发开发板（非产品板）中插件或者组装的不需要工厂生产的，备注栏统一标注“安凯自行组装”
 - 3、有替代料或者需要裁减物料在对应备注栏注明料号和规格
 - 4、特殊工艺要求在备注栏中说明，如焊盘不能上锡等
 - 5、硬件工程师在向仓库申请PCBA板料号的同时需申请其对应编号，并将PCBA板的编号和料号体现在BOM表中
 - 6、原则上BOM表和PCB文件任意一个文件有改动，则编号、PCBA板料号及PCBA板名称必须同时更新