

Template\_Revision: V1.0.2 密级：秘密级

## 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	杨康泉	首次创建	2021/1/19	1.0.0
2					
3					
4					
5					
6					
7					
8					

## BOM OF EVB\_CAD\_GC0308\_V1.0.0 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	CC0301055XX	C/C,1uF,16V,+/-10%,0603	C1, C3, C5, C7, C9, C11	6	
2	陶瓷电容	CC0301040XX	C/C,100nF,25V,+/-5%,0603	C2, C4, C6, C8, C10, C12, C16, C18, C19, C20	10	
3	陶瓷电容	CC0301060XX	C/C,10uF,25V,+/-5%,0603	C13	1	
4	陶瓷电容	CC0301055XX	C/C,1uF,16V,+/-10%,0603	C14	1	
5	陶瓷电容	CC0304752XX	C/C,4.7uF,10V +/-10%,0603	C15, C17, C21	3	
6	Connector	CNHEM8003XX	CON2X40,2.54mm,Male,90°,排针	CON1	1	
7	二极管	LE25RXX05XX	红外补光灯LED,850nm,Φ3,间距2MM4,红外灯60度	D1, D2, D3, D4	4	
8	贴片磁珠	BE0503010XX	BEAD,PZ2012U301-1R5TF,300R,100MHz,0805	FB1	1	
9	MOS	MS052SW02XX	AO3415-sot23,E-P-CH,GP	Q1	1	
10	三极管	TR05NGN00XX	2N3904/PMBT3904,SOT-23,NPN,GP	Q2	1	
11	贴片电阻	CR0304720XX	Res,4.7K,1/10W,+/-5%,0603	R1, R2, R3, R4	4	
12	贴片电阻	CR0304720XX	Res,4.7K,1/10W,+/-5%,0603	R5, R6, R7, R8	0	
13	贴片电阻	CR0300000XX	Res,0R,1/10W,+/-5%,0603	R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40, R41, R42	34	
14	贴片电阻	CR0310030XX	Res,100K,1/10W,+/-1%,0603	R43, R44	2	
15	贴片电阻	CR0351R00XX	Res,51R,1/10W,+/-1%,0603	R45, R46	2	
16	贴片电阻	CR0333R00XX	Res,33R,1/10W,+/-1%,0603	R47	1	
17	贴片电阻	CR0301020XX	Res,1K,1/10W,+/-5%,0603	R48	1	
18	集成电路	JCBGACS11XX	CMOS Image Sensor,Galaxycore,GC0308,CSP-20,1/6.5"	U1, U2	2	
19	集成电路	JCSXTPW74XX	非通用 PowerIC,Leadchip,LC1463CB5ATR28,SOT,5pin	U3	1	
20	PCB	PBA37EEA1XX	EVB_CAD_GC0308_V1.0.0,1.6mm,4Layer,沉金,FR4.		1	
21	PCBA	PAA37EEA11X	EVB_CAD_GC0308_V1.0.0,1.6mm,沉金,FR4.		0	
22	物料编号	I1-02-1063	EVB_CAD_GC0308_V1.0.0 A版		0	
End						

- 说明:
- 数量一栏填写为0表示此行所指位号的器件不贴片
  - 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”
  - 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
  - 特殊工艺要求在备注栏中说明,如焊盘不能上锡等
  - 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
  - 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