

Template\_Revision: V1.0.1 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	2019/4/2	1.0.0
2	1.0.1	杨康泉	增加Q1电路	2019/7/15	1.0.1
3	1.0.2	杨康泉	R73更改为18K	2019/11/25	1.0.2
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## BOM OF C500\_DBR\_ADT07016BR50\_V1.0.2 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, C2, C11, C12, C13, C17, C22	7	
2	陶瓷电容	CC0301040XX	C/C,100nF,25V,+/-5%,0603	C3, C6, C8, C14, C15, C18, C27, C28, C29, C30, C32, C33, C88, C89	14	
3	陶瓷电容	CC0301064XX, CC0301060XX	C/C,10uF,6.3V,+/-20%,0603, C/C,10uF,25V,+/-5%,0603	C4, C25, C26, C31, C34	5	
4	陶瓷电容	CC0306R80XX	C/C,6.8pF,50V,+/-0.25pF,0603	C5	1	
5	陶瓷电容	CC0304752XX	C/C,4.7uF,10V +/-10%,0603	C7, C9, C21, C23	4	
6	陶瓷电容	CC0304742XX	C/C,470nF,25V,+/-10%,0603	C10	1	
7	陶瓷电容	CC0302251XX	C/C,2.2uF,25V,+/-5%,0603	C16	1	
8	陶瓷电容	CC0303340XX	C/C,330nF,50V,+/-5%,0603	C24	1	
9	Connector	CNFPF5001XX	连接器 FPC连接器, 50P, 0.5mm, 翻盖式, H=2mm	CON1	1	
10	Connector	CNFPF3002XX	连接器 FPC连接器 FPC0.5mm -30P H1.0mm 前插后掀;	CON2	1	
11	Connector	CNFPC5000XX	FPC连接器 FPC0.5mm -50P H1.0mm 前插后掀;	CON4	1	
12	陶瓷电容	TC1004761XX	T/C,47uF,10V,+/-10%,1210	CP2, CP3	2	
13	二极管	DDD0SCH00XX	SS14 DO-214AC 肖特基二极管	D1, D5	2	
14	二极管	DD21SSD00XX	Small signal Diodes,onsemi,BAV99LT1G,SOT23	D2, D4	2	
15	二极管	DD23ZEN03XX	Zener Diode,UDZS5.6B,5.6V,S0D-323	D3, D6	2	
16	二极管	DD23ZEN03XX	Zener Diode,UDZS5.6B,5.6V,S0D-323	D7	0	
17	二极管	DD23ZEN04XX	稳压管: Zener Diode,UDZS18B,18V,S0D-323	D8	1	
18	稳压管	DD33ZEN68XX	Zener Diode,UDZS6.8B,6.8V,S0D-323	D9	1	
19	贴片磁珠	BE0503010XX	BEAD,PZ2012U301-1R5TF,300R,100MHz,0805	FB1	1	
20	贴片电感	WL1C02R20XX	2.2uH,SWPA3012S2R2NT	L1	1	
21	贴片电感	WL1C04R70XX	4.7uH,SWPA3012S4R7MT	L2, L3, L4	3	

22	贴片磁珠	BE0606010XX	PZ3216D601_L1206,PZ3216D601-1R5TF	L5	1	
23	三极管	TR05NGN00XX	2N3904/PMBT3904,SOT-23,NPN,GP	Q1	1	
24	贴片电阻	CR0301000XX	Res,10R,1/10W,+/-5%,0603	R1	1	
25	贴片电阻	CR0300000XX	Res,0R,1/10W,+/-5%,0603	R2, R3, R13, R14, R15, R17, R18, R19, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40, R41, R50, R72	31	
26	贴片电阻	CR0345330XX	Res,453K,1/16W,+/-1%,0603	R4	1	
27	贴片电阻	CR0310030XX	Res,100K,1/10W,+/-1%,0603	R5, R54, R61	3	
28	贴片电阻	CR0311030XX	Res,110K,1/10W,+/-1%,0603	R6	1	
29	贴片电阻	CR0339010XX	Res,3.9K,1/10W,+/-1%,0603	R7	1	
30	贴片电阻	CR031R000XX	Res,1R,1/10W,+/-1%,0603	R8, R45	2	
31	贴片电阻	CR0304720XX	Res,4.7K,1/10W,+/-5%,0603	R9, R11, R12, R64, R67, R71	6	
32	贴片电阻	CR0310020XX	Res,10K,1/10W,+/-1%,0603	R10	0	
33	贴片电阻	CR0310020XX	Res,10K,1/10W,+/-1%,0603	R16, R74	0	
34	贴片电阻	CR0315000XX	Res,150R,1/10W,+/-1%,0603	R20	1	
35	贴片电阻	CR0347020XX	Res,47K,1/10W,+/-1%,0603	R42	1	
36	贴片电阻	CR0300000XX	Res,0R,1/10W,+/-5%,0603	R43	1	
37	贴片电阻	CR0302020XX	Res,2K,1/10W,+/-5%,0603	R44	1	
38	贴片电阻	CR0333R00XX	Res,33R,1/10W,+/-1%,0603	R46	1	
39	贴片电阻	CR0301020XX	Res,1K,1/10W,+/-5%,0603	R49, R60	2	
40	贴片电阻	CR0305131XX	Res,51K,1/10W,+/-1%,0603	R51	1	
41	贴片电阻	CR0302020XX	Res,2K,1/10W,+/-5%,0603	R52, R75	2	
42	贴片电阻	CR0304720XX	Res,4.7K,1/10W,+/-5%,0603	R65, R66, R68, R69, R70	0	
43	贴片电阻	CR0318020XX	Res,18K,1/10W,+/-1%,0603	R73	1	
44	集成电路	JCSOTPW23XX	PowerIC , TI, TLV62568DBV, SOT23-5	U2	1	
45	集成电路	JCSOTDR00XX	IC MP3302 , LCD Drives LED , TSOT23-5	U3, U4	2	
46	集成电路	JCQFNVP01XX	Capacitive Touch Sensor Controller , ICNT8110 QFN40_5*5	U5	1	
47	PCB	PBC500260XX	PCB:C500_DBR_ADT07016BR50_V1.0.2 , 2层, FR-4,1.6mm,沉金		1	
48	PCBA	PAC500E26XX	PCBA:C500_DBR_ADT07016BR50_V1.0.2 , 2层, 1.6mm		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