

Product Change Notification (PCN)

Date(日期):2022-08-01	CR No.(变更申请编号):JXDZ-PCN-2208001	To Supplier/Customer:
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Creator(创建人): 孙玉汉		Change proposed by(变更申请人): 张巍	
Part Name(部品名称): AVP32F335QP176S		Change Type (变更类型):功能更改	
Project Name(项目名称):AVP32F335 B 版 (32 位定点加浮点数字信号处理器)		☐ Minor change (轻微变更) ☒ Major change (重大变更)	
Customer P/N(客户料号):			
Change reason(变更原因): ☐ Customer requirement (客户要求) ☒ Design change (设计变更) ☐ Raw material change /sub-supplier change (原材料变更/新增原材料供应商) ☐ Environment/ RoHS compliance (环保/违禁物质使用符合性) ☐ Key process change (关键工序变更) ☐ Quality improvement (品质改善) ☐ Cost improvement (降低成本) ☐ Manufacturing location change (工厂制造地址转移或搬迁)		The change might has (变更可能产生的影响): ☐ No affect on electrical safety (产品电气安全) ☐ Affects on electrical safety ☐ No affect on delivery accuracy (交货期限) ☐ Affects on delivery accuracy ☐ No affect on product reliability (产品可靠性) ☐ Affects on product reliability ☐ Affects on environmental /RoHS (环保符合性) ☐ No affect on environmental /RoHS compliance	
Changing documents(需变更的文件): ☐ Drawing (图纸) ☒ Data Sheet (数据手册) ☒ Work Instruction (作业指引) ☐ Inspection Specification/ Standard (检验规格/标准) ☐ PFMEA (过程失效模式与效应分析) ☐ Control Plan (控制计划)		Parts, components and materials in stock : (原材料, 元器件库存品的处理) ☒ Can be used unchanged(库存品可用) ☐ Old materials/components must be used first (库存部品必须消耗) Stock Quantity(库存数量): ☐ To be removed from the production and the material stock (库存部品禁用)	
		☐ Not need customer's approval (不需要客户承认) ☒ Need customer's approval (需要客户承认) This change is (变更期限或有效实施日期): ☐ Temporary (临时性) - Duration : ☒ Permanent (永久性) - Effective date (有效实施日期): 客户确认完成开始	

Verified (部门验证)	R&D Dept. (研发部)	Testing Dept. (测试部)	Quality Dept. (质量部)	Production & Operation (生产运营部)	Sales Dept. (销售部)
Signature (签名)	黄高	刘建科	孙玉汉	黄道章	贺小全
Date (日期)	2022.8.1	2022.8.1	2022.8.1	2022.8.1	2022.8.1

☐ Approved (承认) ☐ Rejected (不承认) / by Customer QA Manager
☐ Noticed (通知) / by Customer SQE

Distribution List (变更抄送清单)	Supplier: ☐ R&D ☐ P&O ☐ QA ☐ Testing ☐ Sales
	Customer: ☒ SQE ☒ P&O ☒ R&D ☒ Testing ☒ IQA

Reason / Description of change (变更原因/详细描述):

1. 上电时钟丢失问题解决;
2. 增加唯一 ID 号功能。
3. ADC 数据镜像对齐方式从默认左对齐更改为默认右对齐;
4. ADC 内部 LDO 默认不上电, 修正为默认上电;
5. 在升级我司提供的. OUT 文件后, 支持 FLASH 擦除编程 10Mhz...150Mhz 下对 Flash 进行擦除、编程操作;
6. TEST1、TEST2 引脚必须悬空;
7. 丝印标识 (批次标识由 GSACDYYWW 变更为 GSBCDYYWW)

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Drawings or other documents (文件更新):
R=removed (取消) ; A=added (新增)

R/A	Code	Document Name or Title	Document Number	Document Revision	Remark
A	1	AVP32F335 数据手册	JXDZ7.381.004 SJSC	V2.1	
A	2	AVP32F335 系列升级版应用说明	JXDZ7.381.004 YYSM	V2.0	
A	3	API 文件	FlashAPIInterfaceAVP32F335V3_10.out		
A	4	HEX 文件	FlasherAVP32F335_210_XMHZ_emu.hex		
	5				

TESTS TO VERIFY THE CHANGE
(变更验证测试)

CHECK LIST (测试项目检查表)		TESTS (测试并附报告)	
Test	Test Items (测试项目)	To Be Done	Pass / Fail
	Electrical Tests (电性能测试)		
1	首件测试报告	2022-08-01	Pass
2			
3			
...			
	Mechanical Tests (机械性能测试)		
1	外观测试记录	2022-07-15	Pass
2			
3			
...			
	Reliability Tests (可靠性测试)		
1	ESD (HBM)	2022-08-01	Pass
2	ESD (CDM)	2022-08-01	Pass
3	LatchUP	2022-08-01	Pass
4			
5			
	Environmental Tests (环保符合性测试)		
1	REACH224	2022-07-22	Pass
2	ROHS2.0 10 项	2022-07-22	Pass
3	卤素 4 项	2022-07-22	Pass
...			
	Others (其它测试)		
1			
2			
3			
...			

Note: Select test items according to the change content (根据变更内容, 选择测试项)

Remarks(备注):