



UNISONIC TECHNOLOGIES CO., LTD

產 品 變 更 通 知

PRODUCT CHANGE NOTIFICATION

PCN No.	PCN-230107	Issue Date	Sep -20-2023
TITLE	CD4069 新增芯片 (CD4069 Added Chip)		Page 1 of 3

變更主旨(TITLE):

CD4069 新增芯片，以利產能提升。

CD4069 Added Chip , To facilitate production capacity increase.

變更類別(CHANGE TYPE):

- Design
 Process
 Raw Material
 Manufacturing Site
 Testing
 Packing/Shipping/Labeling
 Other _____

芯片比對(Chip comparison) : Added

外觀、封裝尺寸不變(physical、L/F SIZE NO Change)

	變更前(Original)	新增 (Added)
P/N	CD4069	CD4069
Wafer Name	6HM3069F	6HM3069A

產品變更通知

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電性變更前/後比對(Comparison before/after electrical changes): Added

Name	Unit	Max	Min	原有(Original)			新增 (Added)		
				均值	标准差 σ	測值分布	均值	标准差 σ	測值分布
S6_ IccH_15V	uA	1	-0.1	0.00715	0.00829	.003~.541	0.00455	0.00255	-.003~.013
S6_ IccL_15V	uA	1	-0.1	0.15004	0.02498	.079~.729	0.22043	0.01005	.188~.251
S6_ IccH_18V	uA	1	-0.1	0.00997	0.01091	.004~.698	0.007	0.02745	.003~.799
S6_ IccL_18V	uA	1	-0.1	0.17039	0.02814	.097~.901	0.0454	0.00473	.036~.056
S6_ Ii_1AH	uA	0.1	-0.1	0.01139	0.00028	.01~.012	0.0076	0.00123	.005~.01
S6_ Ii_1AL	uA	0.1	-0.1	0.01293	0.00043	.011~.014	-0.00524	0.00128	-.012~.005
S6_ Ii_2AH	uA	0.1	-0.1	0.0148	0.0003	.014~.016	0.00788	0.00048	.007~.009
S6_ Ii_2AL	uA	0.1	-0.1	0.01412	0.00507	.007~.041	-0.00598	0.00083	-.017~.01
S6_ Ii_3AH	uA	0.1	-0.1	0.01101	0.00053	.007~.013	0.01289	0.00046	.011~.014
S6_ Ii_3AL	uA	0.1	-0.1	0.00668	0.0018	.004~.024	-0.01112	0.00089	-.021~.008
S6_ Ii_4AH	uA	0.1	-0.1	-0.01005	0.00031	-.011~.009	0.00535	0.0005	.004~.007
S6_ Ii_4AL	uA	0.1	-0.1	-0.01674	0.00033	-.018~.015	-0.00517	0.00088	-.019~.011
S6_ Ii_5AH	uA	0.1	-0.1	-0.01721	0.00031	-.018~.016	0.00591	0.00047	.005~.007
S6_ Ii_5AL	uA	0.1	-0.1	-0.00936	0.00059	-.023~.005	-0.00439	0.00048	-.006~.002
S6_ Ii_6AH	uA	0.1	-0.1	-0.00949	0.00033	-.01~.006	0.00404	0.00056	.003~.006
S6_ Ii_6AL	uA	0.1	-0.1	-0.00823	0.0003	-.009~.006	-0.00379	0.00057	-.005~.001

Name	Unit	Max	Min	原有(Original)			新增 (Added)		
				均值	标准差 σ	測值分布	均值	标准差 σ	測值分布
VOH1Y_5V	V	5	4.7	4.86159	0.00323	4.851-4.871	4.7872	0.00603	4.768-4.799
VOH2Y_5V	V	5	4.7	4.86685	0.00324	4.856-4.877	4.78364	0.00598	4.764-4.796
VOH3Y_5V	V	5	4.7	4.85995	0.00326	4.849-4.87	4.77732	0.00609	4.756-4.789
VOH4Y_5V	V	5	4.7	4.86181	0.01178	4.707-4.873	4.78875	0.0061	4.758-4.791
VOH5Y_5V	V	5	4.7	4.86571	0.01083	4.721-4.877	4.78233	0.00605	4.763-4.795
VOH6Y_5V	V	5	4.7	4.86657	0.00325	4.856-4.877	4.79492	0.00596	4.776-4.807
VOH1Y_15V	V	15	14	14.37259	0.0089	14.352~14.405	14.10149	0.01942	14.049~14.147
VOH2Y_15V	V	15	14	14.41612	0.00865	14.396~14.448	14.08559	0.01951	14.034~14.128
VOH3Y_15V	V	15	14	14.369	0.00872	14.348~14.401	14.05273	0.0196	13.999~14.095
VOH4Y_15V	V	15	14	14.3947	0.01204	14.122~14.427	14.0655	0.01959	14.013~14.107
VOH5Y_15V	V	15	14	14.42047	0.01114	14.194~14.452	14.08954	0.01935	14.037~14.133
VOH6Y_15V	V	15	14	14.40491	0.00891	14.384~14.438	14.13238	0.01925	14.083~14.176

品質驗證 (VERIFICATION/QUALIFICATION):

本項變更不影響原有品質可靠性。

No change to quality and reliability in the final product

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生效日期(COMPLETE DATE):

2024/01/22

影響範圍(AFFECTED PRODUCTS):

CD4069系列 (CD4069 Series)

以 **6HM3069A** 芯片為主生產,請客戶索取樣品進行驗證

The **6HM3069A** chip will be the main production. Please request samples for verification.

客戶回簽(CUSTOMER RESPONSE):

請使用以下的確認通知回覆或以電子郵件同意認可或告知需要補充的資訊。如UTC於30日以內未收到確認通知，我們將視同 貴司同意此變更。

Please use the acknowledgement below or E-Mail to grant approval or request additional information. If UTC does not receive acknowledgement within 30 days of this notice it will be assumed that this change is acceptable.

Approved Rejected Other _____

Customer Signature: _____

友順對此變更所引起之不便表達致歉，如果對本變更有任何問題，請與我們的業務代表或經銷商聯絡。
We apologize for any inconvenience causing from this change, If you have any questions concerning this change, please contact your local sales or UTC's sales representative.