



UNISONIC TECHNOLOGIES CO., LTD

產 品 變 更 通 知

PRODUCT CHANGE NOTIFICATION

PCN No.	PCN-230602	Issue Date	Jun-28-2022
TITLE	UZ0107 芯片優化變更 (UZ0107 Chip optimization change)		Page 1 of 3

變更主旨(TITLE):

UZ0107 芯片優化，以利產能提升。

UZ0107 Chip optimization, To facilitate production capacity increase.

變更類別(CHANGE TYPE):

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

變更說明(DESCRIPTION OF CHANGE):

針對芯片優化，變更芯片，以利產能提升。

Because the chip size has changed , Change 6" Chip , To facilitate production capacity increase.

此項變更不影響封裝尺寸

This change does not affect L/F size

	變更前(Original)	變更後(Update)
P/N	UZ0107	UZ0107
Wafer Name	UFT031	6UFT031

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電性變更前/後比對 (Original / Update comparison of electrical changes):Change

		Item Name	VTM	VTM	VGT1	IGT1	IGT2	IGT3	IGT4
		Bias1	IT= 1.00A	IT=-1.00A	VAK= 12.0V	VAK= 12.0V	VAK= 12.0V	VAK=- 12.0V	VAK=- 12.0V
		Bias2	IG= 50.0mA	IG=- 50.0mA					
		Min Limit	0.100 V	-0.100 V	0.000 V		-0.400mA	-0.400mA	4.200mA
		Max Limit	1.520 V	-1.520 V	1.260 V	4000uA	-5.200mA	-6.000mA	10.00mA
變更前 (Original)	UFT031	Average	1.23	-1.306	0.84	929.71	3.194	-2.928	-6.309
		STDEV	0.007	0.01	0.001	31.839	0.18	0.112	0.24
		Min Data	1.205	-1.382	0.77	840	1.9	-3.65	-7.7
		Max Data	1.362	-1.285	0.84	980	3.72	-2.32	-5.6
變更後 (Update)	6UFT031	Average	1.237	-1.299	0.732	863.734	3.104	-2.997	-5.866
		STDEV	0.004	0.004	0.004	22.716	0.105	0.107	0.294
		Min Data	1.228	-1.326	0.721	798	2.81	-3.34	-6.84
		Max Data	1.264	-1.289	0.742	1050	3.44	-2.76	-5.18

		Item Name	ILATCH1	ILATCH2	ILATCH3	ILATCH4
		Bias1	IG= 99.0mA	IG=-99.0mA	IG=-99.0mA	IG= 99.0mA
		Min Limit				
		Max Limit	9.000mA	24.00mA	-9.000mA	-9.000mA
變更前 (Original)	UFT031	Average	4.06	15.85	-2.045	-2.832
		STDEV	0.073	0.29	0.058	0.084
		Min Data	3.74	14.2	-2.34	-3.3
		Max Data	4.33	19.6	-1.89	-2.57
變更後 (Update)	6UFT031	Average	4.053	16.742	-2.108	-2.949
		STDEV	0.105	0.268	0.07	0.094
		Min Data	3.75	15.8	-2.32	-3.23
		Max Data	4.45	17.5	-1.93	-2.7

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):

2022/09/28

影響範圍(AFFECTED PRODUCTS):

UZ0107 系列 (UZ0107 Series)

以 6UFT031 芯片為主生產,請客戶索取樣品進行驗證

the 6UFT031 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.