



產品變更通知

PRODUCT CHANGE NOTIFICATION

PCN No.	PCN-230705	Issue Date	Jul-13-2023
TITLE	78LXX 變更芯片 ( 78LXX Change chip )		Page 1 of 3

**變更主旨(TITLE):**

78LXX 新增芯片, ESD優化。

78LXX Added chip , optimized for ESD.

**變更類別(CHANGE TYPE):**

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

**變更說明(DESCRIPTION OF CHANGE) :**

變更芯片, 工藝優化提升。

Change chips and enhanced process optimization.

不影響封裝尺寸及外觀尺寸。

Does not L/F size and appearance size.

ESD優化說明(針對ESD進行優化~由原本的1.4KV/100V,優化至4KV/400V)

ESD optimization instructions (optimized for ESD~from the original 1.4KV/100V to 4KV/400V).

	原有 (Original)	變更後 (Update)
P/N	78LXX	78LXX
Wafer Name	6LC4700 / 6LC4700XX	6LD4700

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

	S_IQ0* (VIN= 30.0V,IOUT= 0.00uA)	S_IQ0* (VIN= 30.0V,IOUT= 0.00uA)	S_IQ0* (VIN= 30.0V,IOUT= 0.00uA)	S_IQ1 (VIN= 8.00V,IOUT= 40.0mA)	S_IQ2 (VIN= 30.0V,IOUT= 50.0mA)	VO0 (VIN= 30.0V,IOUT= 0.00mA)	VO1 (VIN= 30.0V,IOUT= 50.0mA)	VO2 (VIN= 20.0V,IOUT= 40.0mA)	VO3 (VIN= 7.00V,IOUT= 40.0mA)	VO4 (VIN= 10.0V,IOUT= 100mA)	VO5 (VIN= 10.0V,IOUT= 1.00mA)	VO_check (VIN= 10.0V,IOUT= 5.00mA)	HBM	MM
Unit	mA	mA	mA	mA	mA	V	V	V	V	V	V	V	KV	KV
Max	4.95	4.95	4.95	4.95	4.95	5.14	5.14	5.14	5.14	5.09	5.09	5.09	5.09	5.09
Min	1	1	1	1	1	4.86	4.86	4.86	4.86	4.91	4.91	4.91	4.91	4.91
新版 均值	3.54946	3.55074	3.55053	2.90929	3.54793	4.96896	4.97123	4.9677	4.96323	4.96117	4.96588	4.96557	4	0.4
舊版 均值	3.61174	3.61271	3.61296	2.98429	3.61212	5.02203	5.02332	5.01947	5.01468	5.01108	5.01886	5.01819	1.4	0.1

**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

**生效日期(COMplete DATE):**

2024/01/01

**影響範圍(AFFECTED PRODUCTS):**

78LXX 系列 ( 78LXX Series )

以 6LD4700 芯片為主生產,請客戶索取樣品進行驗證

The 6LD4700 chip will be the main production. Please request samples for verification.

# 產 品 變 更 通 知

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### 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.