



產 品 變 更 通 知

PRODUCT CHANGE NOTIFICATION

PCN No.	PCN-220701	Issue Date	Jul -07-2022
TITLE	ULN2803 芯片變更 (ULN2803 CHIP CHANGE)		Page 1 of 3

ULN2803 芯片變更，工藝製程的更新，使其可縮小芯片尺寸。

ULN2803 Chip Change, Process update , Shrink chip size.

變更類別(CHANGE TYPE):

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

6吋芯片變更前 / 變更後比對(6-inch Comparison of Original / Update change) :
Changes

針對芯片優化，變更芯片。

Because the chip size has changed , Change 6” Chip.

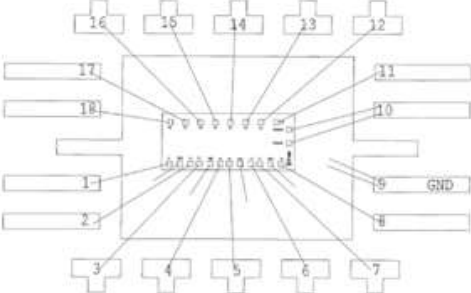
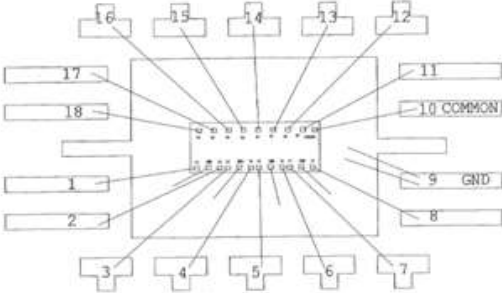
變更芯片，不影響封裝尺寸及外觀尺寸。

Change 6” Chip , Does not L/F size and appearance size.

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	變更前(Original)	變更後 (Update)
P/N	ULN2803	ULN2803
Wafer Name	6L803	6LB803
Bonding Wire	1.0 mil CU wire	1.0 mil CU wire
Wafer Size (mm2)	2.48*1.10	2.27*1.0
Pad Size (um2)	100*100	85*85
Bonding Diagram		

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

		HFE1_130	HFE2_130	HFE3_130	HFE4_130	HFE5_130	HFE6_130	HFE7_130	HFE8_130	Vinon1_500	Vinon2_500	Vinon3_500
		N	N	N	N	N	N	N	N	mA	mA	mA
		3495	3495	3495	3495	3495	3495	3495	3495	N	N	N
		1005	1005	1005	1005	1005	1005	1005	1005	505	505	505
變更前(Original) ULN2803	AVG	2774.8491	2723.1433	2693.7918	2689.4690	2686.9712	2697.4399	2728.1080	2761.6573	762.0285	760.4134	758.6406
變更後(Update) ULN2803(TW2)	AVG	2471.2995	2404.6890	2350.1622	2347.4349	2344.3170	2356.2979	2393.0573	2464.9309	696.7965	693.4027	688.8429

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):

2022/10/07

影響範圍(AFFECTED PRODUCTS):

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ULN2803 系列 (ULN2803 Series)

以 6LB803 芯片為主生產,請客戶索取樣品進行驗證
the 6LB803 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.