



UNISONIC TECHNOLOGIES CO., LTD

產品變更通知

PRODUCT CHANGE NOTIFICATION

PCN No.	PCN-220608	Issue Date	Jun-30-2022
TITLE	MC34118 芯片變更 (MC34118 CHIP CHANGE)	Page 1 of 3	

變更主旨(TITLE):

MC34118 芯片變更，以利產能提升。

MC34118 Chip Change, To facilitate production capacity increase.

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 before change / after change) : Changes

針對芯片優化，進行多合一光罩改版為二合一光罩，可加速提升產能。

Because the chip size has changed , Retrofit of all-in-one mask to two-in-one mask , Production canbe accelerated.

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.

	變更前(Original)	變更後 (Update)
P/N	MC34118	MC34118
Wafer Name	6UT818X-FA3-XX	6UT818X-FC3-XX
Bonding Wire	0.8mil CU wire	0.8mil CU wire
Wafer Size (mm ²)	2.84*2.90	2.84*2.90
Pad Size (um ²)	100*100	100*100
Bonding Diagram		

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

	loperON_6P5V	loperOFF_6P5V	VB_6P5V	VB_5V	VB_3P5V	RoVB	Vin_2V	Vin_1V	Vin_150mV
	mA	uA	V	V	V	ohm	Vrms	Vrms	mVrms
	11	830	3.1	2.3	1.35	450	2.2	1.2	160
	0.1	0.1	2.7	1.9	1.25	250	2	1	145
變更前 (Original) 6U818X-FA3-XX	8.470923698	724.4202045	2.835304809	2.060653226	1.286373419	348.2780693	2.1244	1.00953	152.3348
變更後 (Update) 6U818X-FC3-XX	8.27988453	723.9499911	2.83849662	2.062315798	1.286925486	361.2726309	2.11782	1.00315	145.05391
變異度	-0.023072685	-0.000649511	0.001124472	0.000806168	0.000428981	0.035968852	-0.003106968	-0.006359966	-0.050194373

	Vin_40mV	Right_rankr	Right_rankt	Rank2	Ict_R	Ict_T	Ict_S_5	Ict_S_2	Ict_S_4
	mVrms	mV	mV	BJN	uA	uA	uA	uA	uA
	50	400	400	150	-41	99	1	1	1
	40	210	210	N	-99	41	-1	-1	-1
變更前 (Original) 6U818X-FA3-XX	40.68677	252.6447146	268.3670065	221.8808374	-76.82326114	83.76119963	-0.012457111	-0.008073869	-0.008228857
變更後 (Update) 6U818X-FC3-XX	40.92131	243.2249682	260.8175171	221.7454962	-78.08239742	84.28230928	-0.033948493	-0.030031972	-0.031174625
變異度	0.005731488	-0.038728534	-0.028945485	-0.000610345	0.016125866	0.006182907	0.633058503	0.731157556	0.736039914

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):

2022/09/30

影響範圍 (AFFECTED PRODUCTS):

MC34118 系列 (MC34118 Series)

以 6UT818X-FC3-XX 芯片為主生產,請客戶索取樣品進行驗證

the 6UT818X-FC3-XX Chip will be the main production. Please request samples for verification.

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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.