

Product Change Notice (PCN)

Subject: Notice of change in 14x14mm 64pin LQFP Tape & reel Packing Components for RA2E1
Publication Date: 5/10/2024
Effective Date: 8/1/2024

Revision Description:
Initial Release

Description of Change:

Applicable Products: RA2E1 Package dimensions 14x14mm 64pin LQFP
 Target location (assembly and testing base): Renesas Semiconductor (Beijing) Co., Ltd.
 Detail content: The embossed tape width will be changed for the shipment of tape & reel.
 Before change: 32 mm
 After change: 24 mm

The cavity width, cavity depth, sprocket hole, dimension between sprocket hole and cavity center, reel width, and cover tape width will be changed due to change in tape width.

Affected Product List:

R7FA2E1A72DFK#HA0	R7FA2E1A73CFK#HA0	R7FA2E1A92DFK#HA0	R7FA2E1A93CFK#HA0
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Reason for Change:

The embossed tape width will be changed to 24 mm to maintain a stable supply.

Impact on Fit, Form, Function, Quality & Reliability:

Form and fit of the device: No change
 Function, quality, and reliability: No impact
 Outline of the embossed tape: Changed

Product Identification:

Our production history data can be checked from packing label or trace code.

Qualification Status: Not applicable
Sample Availability Date: Not applicable
Device Material Declaration: Not applicable

- Note:
1. Acknowledgement must be received by Renesas within 30 days or Renesas will consider the change as approved.
 2. If timely acknowledgement is provided by Customer, then Customer shall have 90 days from the date of receipt of this PCN to make any objections to this PCN. If Customer fails to make objections to this PCN within 90 days of the receipt of the PCN then Renesas will consider the PCN changes as approved.
 3. If customer cannot accept the PCN then customer must provide Renesas with a last time buy demand and purchase order.

For additional information regarding this notice, please contact your Renesas sales representative.

Appendix

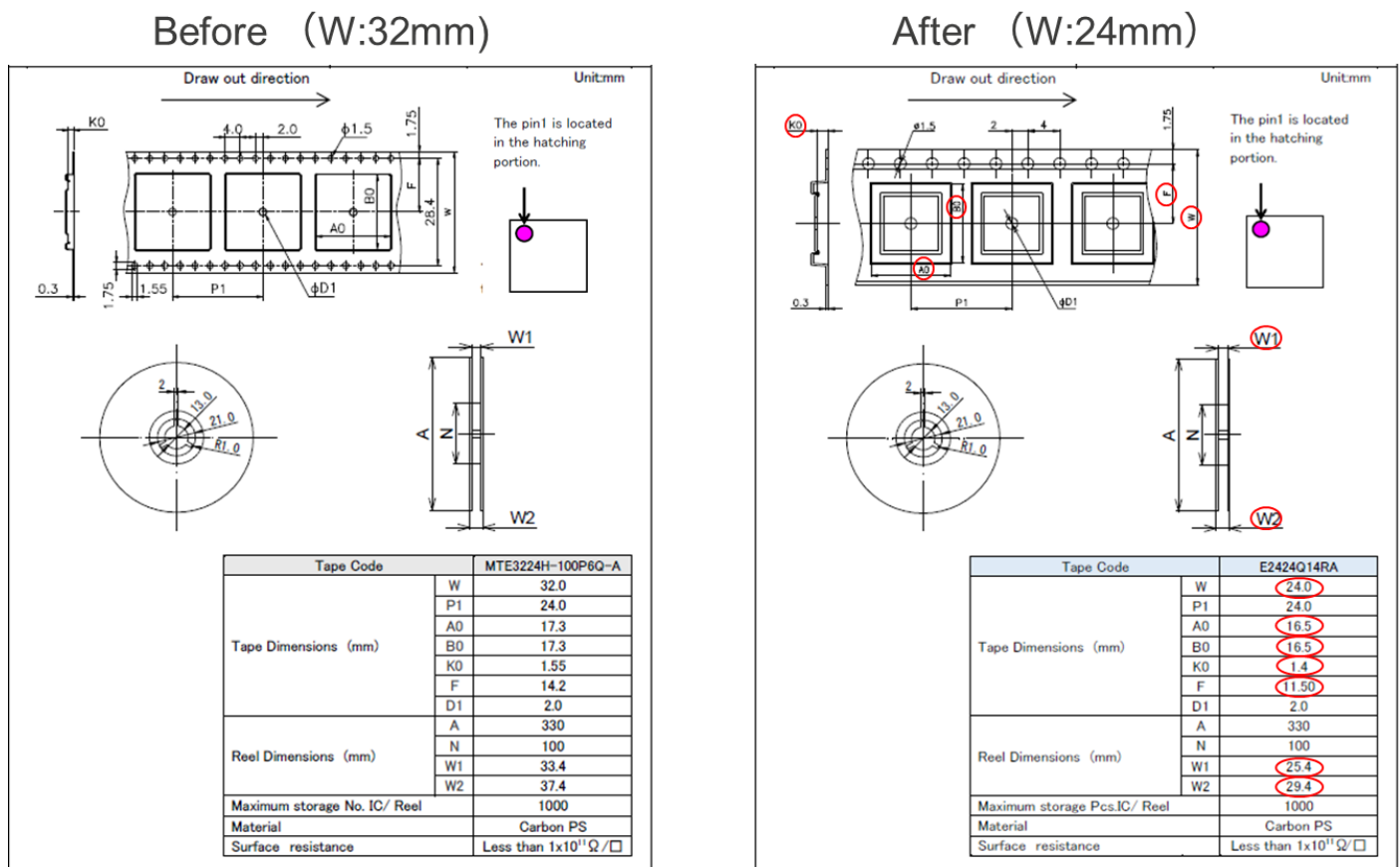
Difference of specification's detail (1)

Comparison of tape & reel material details: 14x14mm LQFP Tape & Reel packing

Packing material	Item	Before	After
Emboss tape	Taping code	MTE3224H-100P6Q-A	E2424Q14RA
	Sprocket hole	Both side	One side
	Tape width	32mm	24mm
	Tape thickness	0.3mm	0.3mm
	Cavity size	17.3x17.3	16.5x16.5
	Cavity depth	1.55mm	1.4mm
	Distance between cavity centers	24mm	24mm
Reel	Reel diameter	330mm	330mm
	Core diameter	100mm	100mm
	Reel width	For 32-mm tape width	For 24-mm tape width
Cover tape	Width	25.5mm	21.3mm

Difference of specification's detail (2)

Comparison of tape & reel dimension: 14mmx14mm LQFP Tape & Reel packing



4M changing points (Change of packing materials)

Item	Check result	Judgement
Machine	The same as current products.	No risk
Method	The same as current products.	No risk
Man	The same as current products.	No risk
Material	Only use certificated materials. It has been confirmed that this product is equivalent to the current product and has no problem.	No risk