

Product Change Notice (PCN)

Subject: Add tray and desiccant for RX Family • RA Family/RA4 Series LQFP/LFQFP.

Publication Date: 12/29/2022

Effective Date: 3/1/2023

Revision Description: Initial release.

Description of Change:

Renesas is adding types of tray and desiccant for LQFP/LFQFP package products which are done a final test process by King Yuan Electronics Co., Ltd.

Package: 7x7mm 32pin LQFP, 48pin LFQFP
 10x10mm 64pin LFQFP
 12x12mm 80pin LFQFP
 14x14mm 100pin LFQFP

Additional content:

Tray

- ✓ Add a tray to each of the above packages.
- ✓ The notation of the end tab is different for the current tray and the additional tray.
 - However, the shape and dimensions of the current tray and the additional tray are the same.

Desiccant

- ✓ Add a type of desiccant.
 - There is no change in the storage conditions.

Affected Product List:

RX Family • RA Family/RA4 Series LQFP/LFQFP package products.
For the P/N details, please refer to page 2 and 3.

Reason for Change:

The purpose is to provide a stable supply of RX Family • RA Family/RA4 Series.

Impact on Fit, Form, Function, Quality & Reliability: None

Product Identification:

Our production history data can be queried by using the packing label or trace code of the product.

Qualification Status: N/A

Sample Availability Date: N/A

Device Material Declaration: N/A

- 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.

P/N list

Affected P/N list
R5F51135ADFP#1A
R5F51135AGFP#1A
R5F51136ADFP#1A
R5F51136AGFP#1A
R5F51303ADFL#10
R5F51303ADFM#10
R5F51303AGFL#10
R5F51303AGFM#10
R5F51305ADFL#10
R5F51305ADFM#10
R5F51305AGFL#10
R5F51305AGFM#10
R5F513T3ADFJ#10
R5F513T3AGFJ#10
R5F513T5ADFJ#10
R5F513T5AGFJ#10
R5F52317ADFP#10
R5F52317AGFP#10
R5F52317BDFP#10
R5F52317BGFP#10
R5F52318ADFP#10
R5F52318AGFP#10
R5F52318BDFP#10
R5F52318BGFP#10
R5F524T8ADFM#11
R5F524T8ADFM#31
R5F524T8ADFP#10
R5F524T8ADFP#11
R5F524T8AGFP#11
R5F524TAADFM#11
R5F524TAADFM#31
R5F524TAADFP#11

R5F524TAAGFP#11
R5F56514ADFP#10
R5F56514AGFP#10
R5F56514BDFP#10
R5F56514BGFP#10
R5F56514EDFP#10
R5F56514EGFP#10
R5F56514FDFP#10
R5F56514FGFP#10
R5F56517ADFP#10
R5F56517AGFP#10
R5F56517BDFP#10
R5F56517BGFP#10
R5F56517EDFP#10
R5F56517EGFP#10
R5F56517FDFP#10
R5F56517FGFP#10
R5F56519ADFP#10
R5F56519AGFP#10
R5F56519BDFP#10
R5F56519BGFP#10
R5F56519EDFP#10
R5F56519EGFP#10
R5F56519FDFP#10
R5F56519FGFP#10
R5F566TAADFP#10
R5F566TAAGFP#10
R5F566TABDFP#10
R5F566TABGFP#10
R5F566TAEDFP#10
R5F566TAEGFP#10
R5F566TAFDFP#10
R5F566TAFGFP#10
R5F566TEADFP#10
R5F566TEAGFP#10
R5F566TEBDFP#10
R5F566TEBGFP#10
R5F566TEEDFP#10
R5F566TEEGFP#10
R5F566TEFDFP#10
R5F566TEFGFP#10
R7FA4E10B2CFM#AA0
R7FA4E10B2CFM#BA0
R7FA4E10D2CFM#AA0
R7FA4E10D2CFM#BA0
R7FA4M2AB3CFM#AA0
R7FA4M2AB3CFM#BA0
R7FA4M2AB3CFP#AA0
R7FA4M2AB3CFP#BA0
R7FA4M2AC3CFM#AA0
R7FA4M2AC3CFM#BA0
R7FA4M2AC3CFP#AA0
R7FA4M2AC3CFP#BA0
R7FA4M2AD3CFM#AA0
R7FA4M2AD3CFM#BA0
R7FA4M2AD3CFP#AA0
R7FA4M2AD3CFP#BA0

RX Family · RA Family/RA4 Series Difference specification

(LQFP/LFQFP_ Add type of tray and desiccant)
7x7mm, 10x10mm, 12x12mm, 14x14mm

December 29, 2022

IOT PLATFORM BUSINESS DIVISION
IOT AND INFRASTRUCTURE BUSINESS UNIT
RENESAS ELECTRONICS CORPORATION

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PC-MCU-A011A/E

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(Rev. 5.0-1 October 2020)

Overview

Thank you for continuously using our products.

For RX/RA microcomputer products, we continuously add manufacturing factories and change assembly materials for stable supply.

This time, Renesas is adding types of tray and desiccant for LQFP/LFQFP package products which are done a final test process by King Yuan Electronics Co., Ltd.

Therefore, we would like to ask for your kind understanding and cooperation in order to make the procedure smoothly completed.

Yours sincerely,

Change points are reported in the following pages.

Contents

1. Difference outline
2. Difference of specification
3. Difference of tray
4. Difference of desiccant

Difference outline

■ Target:

Applicable products RX Family · RA family/RA4 Series
(Final-test site : King Yuan Electronics Co., Ltd.)

Package 7x7mm 32pin LQFP , 48pin LFQFP
 10x10mm 64pin LFQFP
 12x12mm 80pin LFQFP
 14x14mm 100pin LFQFP

■ Additional content:

Tray

- ✓ Add a tray to each of the above packages.
- ✓ The notation of the end tab is different for the current tray and additional tray.
 - However, the shape and dimensions of the current tray and the additional tray are the same.

Desiccant

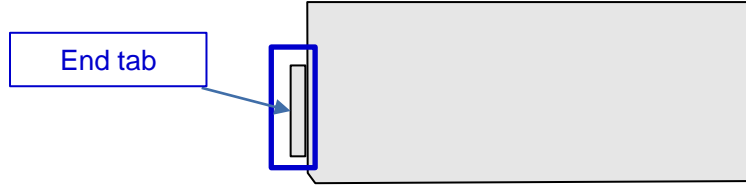
- ✓ Add a type of desiccant.
 - There is no change in the storage conditions.

Difference of specification

Affected products	Package
RX Family · RA Family/RA4 Series (Final-test site : King Yuan Electronics Co., Ltd.)	7x7mm 32pin LQFP , 48pin LFQFP 10x10mm 64pin LFQFP 12x12mm 80pin LFQFP 14x14mm 100pin LFQFP

Item		Difference
Tray	Outline	No difference
	Material	No difference
	Heatproof temperature	No difference
	End tab	There is difference (Refer to page 6-7)
Desiccant	Type	There is difference (Refer to page 8)

Difference of tray-1



The notation of the end tab is different.

7x7mm		10x10mm		12x12mm		14x14mm	
Additional	Current	Additional	Current	Additional	Current	Additional	Current

Difference of tray-2





The notation of the end tab is different.

7x7mm		10x10mm		12x12mm		14x14mm	
Additional	Current	Additional	Current	Additional	Current	Additional	Current

Difference of desiccant

- Add a type of desiccant.
There is no change in the storage conditions.

	Additional	Current
Desiccant		

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