

Product Change Notice (PCN)

Subject: Addition of Wafer-test sites for the RH850/F1KM, F1M and F1H series.

Publication Date: 10/20/2022

Effective Date: 2/1/2023

Revision Description: Initial release

Description of Change:

Renesas plans to add a Wafer-Test site to increase production capacity for the stable supply of the RH850/F1KM, F1M and F1H series. We would highly appreciate it if you would approve the following plan.

Wafer Process sites: TSMC

Target products: RH850/F1KM, F1M and F1H series. (Refer to "Affected Product List".)

Change items: TeraPowe will be added in Wafer Test sites.

Site	After change(Addition)		Current
Wafer Test	Ardentec	TeraPower	Ardentec

Ardentec: Ardentec Corporation

TeraPower: TeraPower Technology Inc.

Affected Product List:

Please refer to "Product List".

Reason for Change:

For the stable supply of products.

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

The change will have no impact on the form, fit, function, quality, reliability of the devices.

Product Identification:

Each product can be identified through each T/C Code on labels and please contact Renesas' sales representatives about T/C Code.

Qualification Status: N/A

Sample Availability Date: N/A

Device Material Declaration: N/A

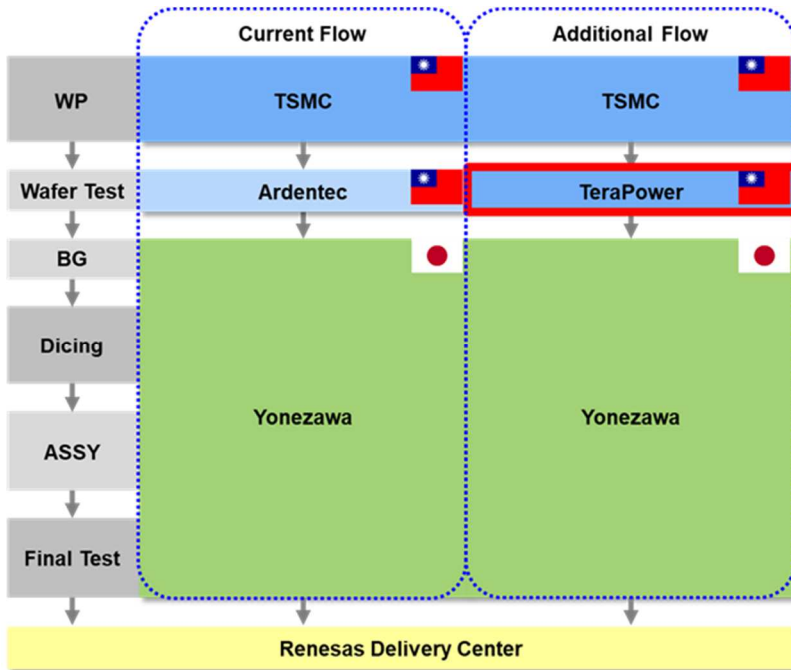
Note:

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.

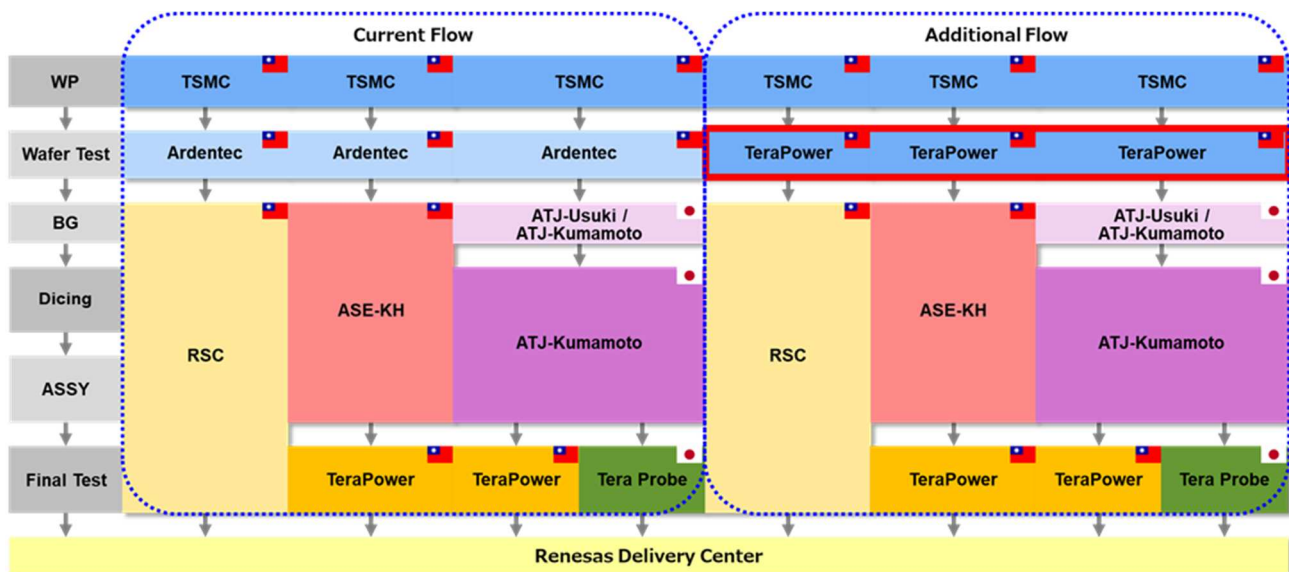
For additional information regarding this notice, please contact your Renesas sales representative.

Production Flow

1) Products(PKG: BGA): F1KM, F1M and F1H series : Additional sites



2) Products(PKG: LQFP): F1KM series : Additional sites



WP : Wafer Process

BG : Back Grinding process

TSMC : Taiwan Semiconductor Manufacturing Co., Ltd.

RSC : Renesas Semiconductor (Suzhou) Co., Ltd.

ASE-KH : Advanced Semiconductor Engineering Inc. (Kaohsiung)

ATJ : Amkor Technology Japan, Inc.

Product List

RH850/F1KM series

R7F7016843AFP-C#BA1	R7F7016924AFP-C#KA1	R7F7016514ABG-C#BC1	R7F7016854AFD-C#KA1
R7F7016843AFP-C#KA1	R7F7016933AFP-C#BA1	R7F7016514ABG-C#HC1	R7F7016854AFE-C#BA1
R7F7016844AFP-C#BA1	R7F7016933AFP-C#KA1	R7F7016523ABG-C#BC1	R7F7016854AFE-C#KA1
R7F7016844AFP-C#KA1	R7F7016934AFP-C#BA1	R7F7016523ABG-C#HC1	R7F7016863AFD-C#BA1
R7F7016853AFP-C#BA1	R7F7016934AFP-C#KA1	R7F7016524ABG-C#BC1	R7F7016863AFD-C#KA1
R7F7016853AFP-C#KA1	R7F7016943AFP-C#BA1	R7F7016524ABG-C#HC1	R7F7016863AFE-C#BA1
R7F7016854AFP-C#BA1	R7F7016943AFP-C#KA1	R7F7016533ABG-C#BC1	R7F7016863AFE-C#KA1
R7F7016854AFP-C#KA1	R7F7016944AFP-C#BA1	R7F7016533ABG-C#HC1	R7F7016864AFD-C#BA1
R7F7016863AFP-C#BA1	R7F7016944AFP-C#KA1	R7F7016534ABG-C#BC1	R7F7016864AFD-C#KA1
R7F7016863AFP-C#KA1	R7F7016953AFP-C#BA1	R7F7016534ABG-C#HC1	R7F7016864AFE-C#BA1
R7F7016864AFP-C#BA1	R7F7016953AFP-C#KA1	R7F701A554AFP-C#BA1	R7F7016864AFE-C#KA1
R7F7016864AFP-C#KA1	R7F7016954AFP-C#BA1	R7F701A554AFP-C#KA1	R7F7016443AFD-C#BA1
R7F7016873AFP-C#BA1	R7F7016954AFP-C#KA1	R7F701A564AFP-C#BA1	R7F7016443AFD-C#KA1
R7F7016873AFP-C#KA1	R7F7016343AFP-C#BA1	R7F701A564AFP-C#KA1	R7F7016443AFE-C#BA1
R7F7016874AFP-C#BA1	R7F7016343AFP-C#KA1	R7F701A574AFP-C#BA1	R7F7016443AFE-C#KA1
R7F7016874AFP-C#KA1	R7F7016363AFP-C#BA1	R7F701A574AFP-C#KA1	R7F7016453AFD-C#BA1
R7F7016883AFP-C#BA1	R7F7016363AFP-C#KA1	R7F701A584AFP-C#BA1	R7F7016453AFD-C#KA1
R7F7016883AFP-C#KA1	R7F7016443AFP-C#BA1	R7F701A584AFP-C#KA1	R7F7016453AFE-C#BA1
R7F7016884AFP-C#BA1	R7F7016443AFP-C#KA1	R7F701A594AFP-C#BA1	R7F7016453AFE-C#KA1
R7F7016884AFP-C#KA1	R7F7016453AFP-C#BA1	R7F701A594AFP-C#KA1	R7F7016463AFD-C#BA1
R7F7016893AFP-C#BA1	R7F7016453AFP-C#KA1	R7F701A604AFP-C#BA1	R7F7016463AFD-C#KA1
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R7F7016903AFP-C#BA1	R7F7016473AFP-C#KA1	R7F7016843AFE-C#BA1	R7F7016473AFD-C#KA1
R7F7016903AFP-C#KA1	R7F7016483AFP-C#BA1	R7F7016843AFE-C#KA1	R7F7016473AFE-C#BA1
R7F7016904AFP-C#BA1	R7F7016483AFP-C#KA1	R7F7016844AFD-C#BA1	R7F7016473AFE-C#KA1
R7F7016904AFP-C#KA1	R7F7016493AFP-C#BA1	R7F7016844AFD-C#KA1	R7F7016483AFD-C#BA1
R7F7016913AFP-C#BA1	R7F7016493AFP-C#KA1	R7F7016844AFE-C#BA1	R7F7016483AFD-C#KA1
R7F7016913AFP-C#KA1	R7F7016503ABG-C#BC1	R7F7016844AFE-C#KA1	R7F7016483AFE-C#BA1
R7F7016914AFP-C#BA1	R7F7016503ABG-C#HC1	R7F7016853AFD-C#BA1	R7F7016483AFE-C#KA1
R7F7016914AFP-C#KA1	R7F7016504ABG-C#BC1	R7F7016853AFD-C#KA1	R7F7016493AFD-C#BA1
R7F7016923AFP-C#BA1	R7F7016504ABG-C#HC1	R7F7016853AFE-C#BA1	R7F7016493AFD-C#KA1
R7F7016923AFP-C#KA1	R7F7016513ABG-C#BC1	R7F7016853AFE-C#KA1	R7F7016493AFE-C#BA1
R7F7016924AFP-C#BA1	R7F7016513ABG-C#HC1	R7F7016854AFD-C#BA1	R7F7016493AFE-C#KA1

RH850/F1M series

R7F7015503ABG-C#BC2	R7F7015523ABG-C#HC2	R7F7015704ABG-C#BC2	R7F7015724ABG-C#HC2
R7F7015503ABG-C#HC2	R7F7015524ABG-C#BC2	R7F7015704ABG-C#HC2	R7F7015733ABG-C#BC2
R7F7015504ABG-C#BC2	R7F7015524ABG-C#HC2	R7F7015713ABG-C#BC2	R7F7015733ABG-C#HC2
R7F7015504ABG-C#HC2	R7F7015533ABG-C#BC2	R7F7015713ABG-C#HC2	R7F7015734ABG-C#BC2
R7F7015513ABG-C#BC2	R7F7015533ABG-C#HC2	R7F7015714ABG-C#BC2	R7F7015734ABG-C#HC2
R7F7015513ABG-C#HC2	R7F7015534ABG-C#BC2	R7F7015714ABG-C#HC2	R7F701A173ABG-C#BC2
R7F7015514ABG-C#BC2	R7F7015534ABG-C#HC2	R7F7015723ABG-C#BC2	R7F701A173ABG-C#HC2
R7F7015514ABG-C#HC2	R7F7015703ABG-C#BC2	R7F7015723ABG-C#HC2	R7F701A174ABG-C#BC2
R7F7015523ABG-C#BC2	R7F7015703ABG-C#HC2	R7F7015724ABG-C#BC2	R7F701A174ABG-C#HC2

RH850/F1H series

R7F7015063ABG-C#BC2	R7F7015073ABG-C#HC2	R7F7015284ABG-C#BC2	R7F7015294ABG-C#HC2
R7F7015063ABG-C#HC2	R7F7015074ABG-C#BC2	R7F7015284ABG-C#HC2	R7F701A253ABG-C#BC2
R7F7015064ABG-C#BC2	R7F7015074ABG-C#HC2	R7F7015293ABG-C#BC2	R7F701A253ABG-C#HC2
R7F7015064ABG-C#HC2	R7F7015283ABG-C#BC2	R7F7015293ABG-C#HC2	R7F701A254ABG-C#BC2
R7F7015073ABG-C#BC2	R7F7015283ABG-C#HC2	R7F7015294ABG-C#BC2	R7F701A254ABG-C#HC2