

Product Change Notice (PCN)

Subject: Notice of Change in Substrate Materials for TFLGA, LFBGA, and TFBGA Products

Publication Date: 10/7/2022

Effective Date: 1/1/2023

Revision Description:

Initial release: 10/5/2022 IMO-AB-22-0118-1

Revision 1: 10/7/2022 Updated Affected Product List

Description of Change:

The substrate materials (core material and Through hole plugging material) will be changed for TFLGA, LFBGA, and TFBGA packages of the products in the Product List on page 2 and following.

Affected Product List:

See the Product List on page 2 and following.

Reason for Change:

Due to the end of supply by the manufacturer of substrate materials.

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

Products with a change in substrate core materials will have a slight change in the shade of the substrate, but no change in the form.

Fitting, function, quality, and reliability: Not affected.

Product Identification:

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

Qualification Status: Reliability data can be provided from the end of October 2022.

Sample Availability Date: Not applicable

Device Material Declaration: Please contact our sales representatives or distributors.

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.

Product List:

Ordering Part Number	Changes		Product	PKG Type
	Substrate Core Material	Substrate Through Hole Plugging Material		
R1LV1616HBG-4SI#B0	Changed	-	R1LV1616HBG family	TFBGA
R1LV1616HBG-4SI#S0	Changed	-	R1LV1616HBG family	TFBGA
R1LV1616HBG-5SI#B0	Changed	-	R1LV1616HBG family	TFBGA
R1LV1616HBG-5SI#S0	Changed	-	R1LV1616HBG family	TFBGA
R2J30513LG#W2	Changed	-	DSC family	TFLGA
R7S910002CBG#AC0	-	Changed	RZ family	LFBGA
R7S910006CBG#AC0	-	Changed	RZ family	LFBGA
R7S910007CBG#AC0	-	Changed	RZ family	LFBGA
R7S910011CBG#AC0	-	Changed	RZ family	LFBGA
R7S910013CBG#AC0	-	Changed	RZ family	LFBGA
R7S910015CBG#AC0	-	Changed	RZ family	LFBGA
R7S910016CBG#AC0	-	Changed	RZ family	LFBGA
R7S910017CBG#AC0	-	Changed	RZ family	LFBGA
R7S910018CBG#AC0	-	Changed	RZ family	LFBGA
R7S910020CBG#AC0	-	Changed	RZ family	LFBGA
R7S910021CBG#AC0	-	Changed	RZ family	LFBGA
R7S910022CBG#AC0	-	Changed	RZ family	LFBGA
R7S910023CBG#AC0	-	Changed	RZ family	LFBGA
R7S910025CBG#AC0	-	Changed	RZ family	LFBGA

R7S910026CBG#AC0	-	Changed	RZ family	LFBGA
R7S910027CBG#AC0	-	Changed	RZ family	LFBGA
R7S910028CBG#AC0	-	Changed	RZ family	LFBGA
R7S910035CBG#AC0	-	Changed	RZ family	LFBGA
R7S910036CBG#AC0	-	Changed	RZ family	LFBGA
R7S910037CBG#AC0	-	Changed	RZ family	LFBGA
R7S910045CBG#AC0	-	Changed	RZ family	LFBGA
R7S910046CBG#AC0	-	Changed	RZ family	LFBGA
R7S910047CBG#AC0	-	Changed	RZ family	LFBGA
R7S910048CBG#AC0	-	Changed	RZ family	LFBGA
R7S910051CBG#AC0	-	Changed	RZ family	LFBGA
R7S910052CBG#AC0	-	Changed	RZ family	LFBGA
R7S910055CBG#AC0	-	Changed	RZ family	LFBGA
R7S910056CBG#AC0	-	Changed	RZ family	LFBGA
R7S910115B07CBG#AC0	-	Changed	RZ family	LFBGA
R7S910117B03CBG#AC0	-	Changed	RZ family	LFBGA
R7S910117B05CBG#AC0	-	Changed	RZ family	LFBGA
R7S910118B04CBG#AC0	-	Changed	RZ family	LFBGA
R7S910118CBG#AC0	-	Changed	RZ family	LFBGA
R7S910120B01CBG#AC0	-	Changed	RZ family	LFBGA
R9A06G043GBG#AC0	-	Changed	EC-1	LFBGA
R7FA6M3AF2CBG#AC0	-	Changed	RA family	LFBGA
R7FA6M3AF3CBG#AC0	-	Changed	RA family	LFBGA
R7FA6M3AH2CBG#AC0	-	Changed	RA family	LFBGA
R7FA6M3AH3CBG#AC0	-	Changed	RA family	LFBGA
R7FS5D97C2A01CBG#AC0	-	Changed	SYNERGY family	LFBGA
R7FS5D97C3A01CBG#AC0	-	Changed	SYNERGY family	LFBGA
R7FS5D97E2A01CBG#AC0	-	Changed	SYNERGY family	LFBGA
R7FS5D97E3A01CBG#AC0	-	Changed	SYNERGY family	LFBGA
R7FS7G27G2A01CBG#AC0	-	Changed	SYNERGY family	LFBGA
R7FS7G27H2A01CBG#AC0	-	Changed	SYNERGY family	LFBGA
R5F5651CDDBG#20	-	Changed	RX family	LFBGA
R5F5651CDGBG#20	-	Changed	RX family	LFBGA
R5F5651CHDBG#20	-	Changed	RX family	LFBGA
R5F5651CHGBG#20	-	Changed	RX family	LFBGA
R5F5651EDDBG#20	-	Changed	RX family	LFBGA
R5F5651EDGBG#20	-	Changed	RX family	LFBGA
R5F5651EHDBG#20	-	Changed	RX family	LFBGA
R5F5651EHGBG#20	-	Changed	RX family	LFBGA
R5F565NCDDBG#20	-	Changed	RX family	LFBGA
R5F565NCDGBG#20	-	Changed	RX family	LFBGA
R5F565NCHDBG#20	-	Changed	RX family	LFBGA
R5F565NCHGBG#20	-	Changed	RX family	LFBGA
R5F565NEDDBG#20	-	Changed	RX family	LFBGA
R5F565NEDGBG#20	-	Changed	RX family	LFBGA
R5F565NEHDBG#20	-	Changed	RX family	LFBGA

R5F565NEHGBG#20	-	Changed	RX family	LFBGA
R5F566NDDDBG#20	-	Changed	RX family	LFBGA
R5F566NDDGBG#20	-	Changed	RX family	LFBGA
R5F566NDHDBG#20	-	Changed	RX family	LFBGA
R5F566NDHGBG#20	-	Changed	RX family	LFBGA
R5F566NNDDDBG#20	-	Changed	RX family	LFBGA
R5F566NNDGBG#20	-	Changed	RX family	LFBGA
R5F566NNHDBG#20	-	Changed	RX family	LFBGA
R5F566NNHGBG#20	-	Changed	RX family	LFBGA
R5F572MDDDBG#20	-	Changed	RX family	LFBGA
R5F572MDDGBG#20	-	Changed	RX family	LFBGA
R5F572MDHDBG#20	-	Changed	RX family	LFBGA
R5F572MDHGBG#20	-	Changed	RX family	LFBGA
R5F572MNDDDBG#20	-	Changed	RX family	LFBGA
R5F572MNDGBG#20	-	Changed	RX family	LFBGA
R5F572MNHDBG#20	-	Changed	RX family	LFBGA
R5F572MNHGBG#20	-	Changed	RX family	LFBGA
R5F572NDDDBG#20	-	Changed	RX family	LFBGA
R5F572NDDGBG#20	-	Changed	RX family	LFBGA
R5F572NDHDBG#20	-	Changed	RX family	LFBGA
R5F572NDHGBG#20	-	Changed	RX family	LFBGA
R5F572NNDDDBG#20	-	Changed	RX family	LFBGA
R5F572NNDGBG#20	-	Changed	RX family	LFBGA
R5F572NNHDBG#20	-	Changed	RX family	LFBGA
R5F572NNHGBG#20	-	Changed	RX family	LFBGA
R4F2153VBR25KDV	Changed	-	H8S family	LFBGA
R5F61662N50LGV	Changed	-	H8SX family	TFLGA
R5F61665D50LGV	Changed	-	H8SX family	TFLGA
R4F24279NVLPV	Changed	-	H8S family	TFLGA
DF2117RVLP20DHV	Changed	-	H8S family	TFLGA
DF2117RVPLP20HV	Changed	-	H8S family	TFLGA
R4F2113DLG#U0	Changed	-	H8S family	TFLGA
R4F2113NLG#U0	Changed	-	H8S family	TFLGA
R5F56216BDLD#U0	Changed	-	RX family	TFLGA
R5F56217BDLD#U0	Changed	-	RX family	TFLGA
R5F56218BDLD#U0	Changed	-	RX family	TFLGA
R5F56216BDLE#U0	Changed	-	RX family	TFLGA
R5F56217BDLE#U0	Changed	-	RX family	TFLGA
R5F56218BDLE#U0	Changed	-	RX family	TFLGA
R5F562N7ADLE#U0	Changed	-	RX family	TFLGA
R5F562N7BDLE#U0	Changed	-	RX family	TFLGA
R5F562N8ADLE#U0	Changed	-	RX family	TFLGA
R5F562N8BDLE#U0	Changed	-	RX family	TFLGA

MPNs affected:

R7FS7G27G2A01CBG#AC0

R7FS7G27H2A01CBG#AC0

R5F572MDDDBG#20

DF2117RVLP20DHV

R5F56216BDLD#U0

R5F572MNDDDBG#20

R7FA6M3AH2CBG#AC0

R7FS5D97C2A01CBG#AC0

R7FS5D97E2A01CBG#AC0

R7S910018CBG#AC0

R5F5651CDDBG#20

R5F5651EHDBG#20

R5F565NCHDBG#20

R7FA6M3AF2CBG#AC0

R9A06G043GBG#AC0

To Sales Members

IMO-AB-22-0116-2
PC-COM-A001B/E
Initial release :10/5/2022

Revision 1:10/7/2022

IOT Platform Business Div.
IoT and Infrastructure Business Unit
Renesas Electronics Corporation

Notice of Change in Substrate Materials for TFLGA, LFBGA, and TFBGA Products

Thank you for your assistance with sales of products from Renesas.
This note is to request your cooperation in the matter described below.

1. **Changes**

For BGA products manufactured at ATJ Kumamoto and Hakodate, which are OS deployment destinations for the assembly and test, the supply of substrates from SIMMTECH Korea will be ended. We inform you the change in the substrate materials (core material and hole filler material), since materials will be supplied from other substrate manufacturers.

2. **Affected Products**

Please refer to the "Product List" in the document "IMO-AB-22-0118-2".

3. **Schedule**

Samples are not applicable. Order mass-produced products.

4. **Scheduled Shipping Date**

Mass-produced products will be shipped sequentially from January 1, 2023.

5. **Explanatory Documents for Customers**

Customer information document: IMO-AB-22-0118-**2**

6. **Contacts**

If you have any inquiries, please contact our sales representatives for the given type of inquiry as listed below.

H8SX family / H8S family / RX family

Type of Inquiry	Department	In Charge	E-mail
• Following the situation of customer authorization • Shipment after the completion of customer authorization	DO(CFO)/SCMD/MDSP/MDSP4	Mohara	tetsuya.mohara.xd@renesas.com
• Inquiries regarding quality of product	DO(CEO)/QAD/IICQE/IICQ1	Ichikawa	takashi.ichikawa.jc@renesas.com
• Inquiries regarding product specifications and any explanations required by the customer	IIBU/IOTBD/IMO/IMO3	Santoku	tadaatsu.santoku.fn@renesas.com

R1LV1616HBG family (SRAM)

Type of Inquiry	Department	In Charge	E-mail
<ul style="list-style-type: none"> Following the situation of customer authorization Shipment after the completion of customer authorization 	DO(CFO)/SCMD/ADSP/ADSP2	Tomaru	daigo.tomaru.gx@renesas.com
		Yoshihiro	yumeko.yoshihiro.xk@renesas.com
<ul style="list-style-type: none"> Inquiries regarding quality of product 	DO(CEO)/QAD/IIPQE/IIPQ2	Kamijo	tomohiko.kamijo.ct@renesas.com
		Nara	shunji.nara.xc@renesas.com
		Mashimo	toshiyuki.mashimo.vx@renesas.com
<ul style="list-style-type: none"> Inquiries regarding product specifications and any explanations required by the customer 	IIBU/IAD/SPD	Saeki	tatsuya.saeki.wr@renesas.com

RZ/T1, RZ/T1-M group, EC-1

Type of Inquiry	Department	In Charge	E-mail
<ul style="list-style-type: none"> Following the situation of customer authorization Shipment after the completion of customer authorization Inquiry when explanation is required directly to the customer 	DO(CFO)/SCMD/SDSP/SDSP2	Asechi	Hiroyoshi.asechi.ra@renesas.com
		Nakanishi	motoi.nakanishi.kf@renesas.com
<ul style="list-style-type: none"> Inquiries regarding quality of product 	DO(CEO)/QAD/IICQE/IICQ1	Ichikawa	takashi.ichikawa.jc@renesas.com
<ul style="list-style-type: none"> Inquiries regarding product specifications and any explanations required by the customer 	IIBU/IABD/IADS	Osumi	hiroshi.osumi.zn@renesas.com

DSC family

Type of Inquiry	Department	In Charge	E-mail
<ul style="list-style-type: none"> Following the situation of customer authorization Shipment after the completion of customer authorization 	DO(CFO)/SCMD/MDSP/MDSP4	Tomaru	daigo.tomaru.gx@renesas.com
		Tabata	kohei.tabata.uj@renesas.com
<ul style="list-style-type: none"> Inquiries regarding quality of product 	DO(CEO)/QAD/IICQE/IICQ1	Matsumoto	seisuke.matsumoto.vj@renesas.com
		Masumiya	masafumi.masumiya.yn@renesas.com
<ul style="list-style-type: none"> Inquiries regarding product specifications and any explanations required by the customer 	IIBU/IOTBD/IMO/IMO3	Tamura	Akihiro.tamura.xf@renesas.com

RA family / SYNERGY family

Type of Inquiry	Department	In Charge	E-mail
<ul style="list-style-type: none"> Following the situation of customer authorization Shipment after the completion of customer authorization 	DO(CFO)/SCMD/MDSP/MDSP4	Mohara	tetsuya.mohara.xd@renesas.com
		Shimizu	akinobu.shimizu.xj@renesas.com
<ul style="list-style-type: none"> Inquiries regarding quality of product 	DO(CEO)/QAD/IICQE/IICQ1	Ichikawa	takashi.ichikawa.jc@renesas.com
<ul style="list-style-type: none"> Inquiries regarding product specifications and any explanations required by the customer 	IIBU/IOTBD/IMO/IMO3	Masao	yoshikazu.masao.bx@renesas.com
		Ayano	hidekazu.ayano.vt@renesas.com