

## Product Change Notice

(PCN Tracking Number: EE-QR-220506-01)

Version: 1

<b>Customer:</b>	ALL Customers
<b>Renesas Product Type:</b>	All M16C/M32C (consumer and industrial use). Refer to separate file: " <a href="#">Products list-for customer IMO-AB-22-0023-1.xlsx</a> " for exact change scenario for each product.
<b>Description of Change:</b>	Change of wire bond material, lead frame, solder plate, factory and mark, addition of mold compound.
<b>Reason for Change:</b>	For stable production
<b>Identification:</b>	Identifiable via production history data from the product trace code
<b>Schedules:</b>	Sample order deadline: e/o May 2022 Sample delivery: b/o Jun. 2022 (upon request) Reliability report: m/o May. 2022 (upon request) Requested approval: m/o Oct. 2022 Change Implementation: b/o Nov. 2022 onwards
<b>Anticipated Impact:</b>	Fit, Form & Function : No change or impact Quality & Reliability: No impact For some products mark changes due to orderable part number change.
<b>Doc. No.:</b>	EEQC-PCN-CR-22-0125
<b>Internal Reference:</b>	IMO-AZ-22-0002-1

In case of any question, please contact:

INITIATOR	TITLE	E-mail	PHONE No.
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Düsseldorf, 06.05.2022

### Customer Response: (please fill in and return by e-mail, fax or mail)

- acknowledge                                      Company: \_\_\_\_\_  
 acceptable  
 unacceptable (pls. comment)              Name & Position: \_\_\_\_\_  
 not applicable    Phone / Fax No.: \_\_\_\_\_

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

Comments:

\_\_\_\_\_  
(Signature)

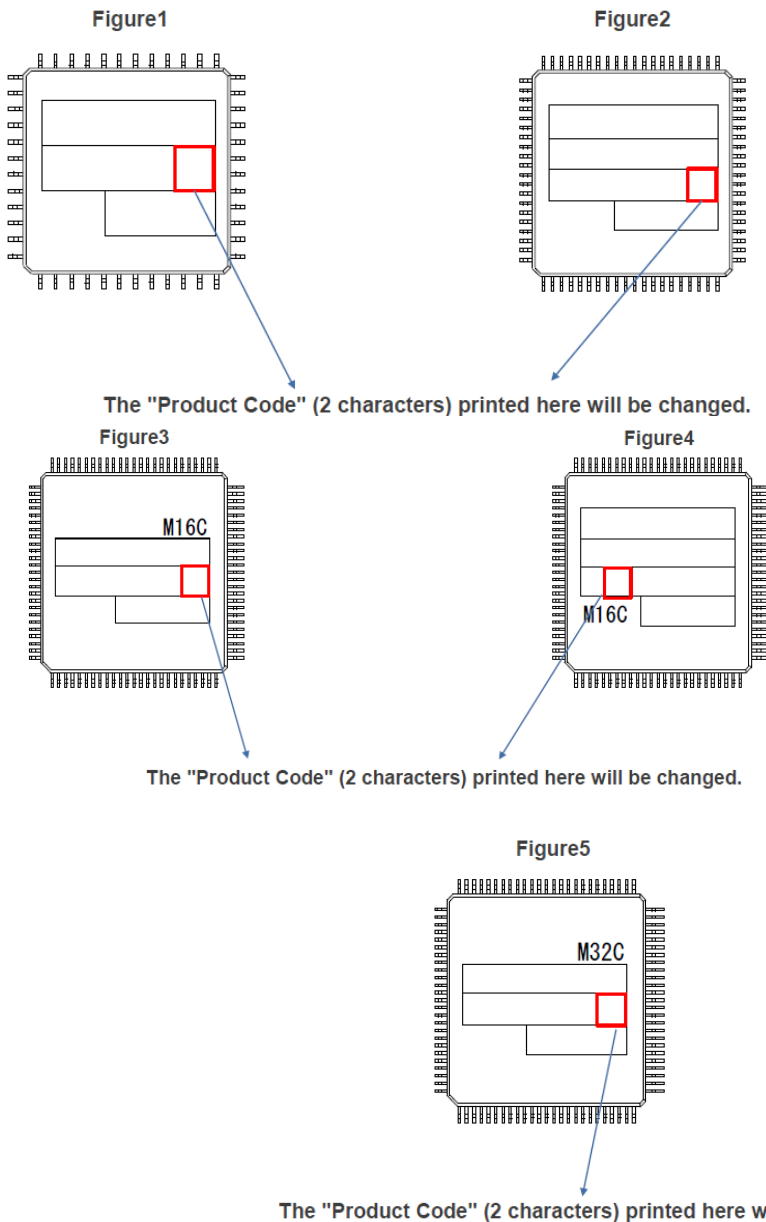
**Details of Change:**

Note: The red letters are the changes

Materials	Mold compound	Wire	Frame	Solder plate
The contents of change	Mold compound A ⇒ A or B Mold compound B ⇒ B	Cu ⇒ Cu Cu or Au ⇒ Cu Au ⇒ Cu	100pin: Reduce two frames. 80pin : Reduce one frame. 48pin : No change	Sn ⇒ Sn SnCu ⇒ Sn
Purposes	- Basically, mold compound is unified to B. - For some products, stable production is realized by switching between material A and material B.	Unified to Cu wire.	- Improve procurement by reducing the types of frame.	Unified to Sn.

Mold	Wire	Frame	Solder plate	Mark	Factory
A ⇒ A or B B ⇒ B	Cu ⇒ Cu Cu or Au ⇒ Cu Au ⇒ Cu	100pin: Reduce two frames. 80pin : Reduce one frame. 48pin : No change	Sn ⇒ Sn SnCu ⇒ Sn	There are changed products.	RSB ⇒ RSB RSB, ATJ ⇒ RSB
Please contact us for explanatory materials regarding the combination of changes in the red letters.				- Before and after changing the mark character: refer to "IMO-AB-22-0023-1"	- Products: refer to "IMO-AB-22-0023-1"

**Mark:**



**Product List:**

For the detailed product list showing the various scenarios, please refer to a separate file called: "Products list-for customer IMO-AB-22-0023-1.xlsx"

Orderable Part Number	
Before	After
M30260F3AGP#U3A	M30260F3AGP#33A
M30260F3AGP#U5A	M30260F3AGP#35A
M30260F3AGP#U7A	M30260F3AGP#37A
M30260F6AGP#U3A	M30260F6AGP#33A
M30260F6AGP#U5A	M30260F6AGP#35A
M30260F6AGP#U7A	M30260F6AGP#37A
M30260F8AGP#U3A	M30260F8AGP#33A
M30260F8AGP#U5A	M30260F8AGP#35A
M30260F8AGP#U7A	M30260F8AGP#37A
M30260F8AGP#U9A	M30260F8AGP#39A
M30260M6A-***GP#U5	M30260M6A-***GP#35
M30260M6A-***GPU5A	M30260M6A-***GP35A
M30260F6BGP#U9A	M30260F6BGP#39A
M30260F8BGP#U3A	M30260F8BGP#33A
M30260F8BGP#U7A	M30260F8BGP#37A
M30280F6HP#U5B	M30280F6HP#35B
M30280F6HP#U9B	M30280F6HP#39B
M30280F8HP#U3B	M30280F8HP#33B
M30280F8HP#U5B	M30280F8HP#35B
M30280FAHP#U3B	M30280FAHP#33B
M30280FAHP#U5B	M30280FAHP#35B
M30280FAHP#U7B	M30280FAHP#37B
M30280FAHP#U9B	M30280FAHP#39B
M30280FA-***HP#UD	M30280FA-***HP#3D
M30280FCHP#U3B	M30280FCHP#33B
M30280FCHP#U5B	M30280FCHP#35B
M30280FCHP#U7B	M30280FCHP#37B
M30280FCHP#U9B	M30280FCHP#39B
M30280MA-***HP#U5	M30280MA-***HP#35
M30280MC-***HP#U5	M30280MC-***HP#35
M30290FAHP#U3A	M30290FAHP#33A
M30290FAHP#U5A	M30290FAHP#35A
M30290FCHP#U3A	M30290FCHP#33A
M30290FCHP#U5A	M30290FCHP#35A
M30290FCHP#U7A	M30290FCHP#37A
M30290FCHP#U9A	M30290FCHP#39A
M30302FAPGP#U3	M30302FAPGP#33
M30302FAPGP#U5	M30302FAPGP#35
M30302FCPGP#U3	M30302FCPGP#33
M30302FCPGP#U5	M30302FCPGP#35
M30302FEPGP#U3	M30302FEPGP#33
M30302FEPGP#U5	M30302FEPGP#35
M30302GAPGP#U5	M30302GAPGP#35
M30302GCPGP#U5	M30302GCPGP#35
M30302MAP-***GP#U0	M30302MAP-***GP#30
M30302MAP-***GP#U1	M30302MAP-***GP#31
M30302MAP-***GP#U3	M30302MAP-***GP#33

Orderable Part Number	
Before	After
R5F364A6N***FB#30	No change
R5F364AEDFB#30	No change
R5F364AEDFB#U0	R5F364AEDFB#30
R5F364AEDFB#UA	R5F364AEDFB#3A
R5F364AED***FB#30	No change
R5F364AENFB#30	No change
R5F364AENFB#U0	R5F364AENFB#30
R5F364AENFB#V2	R5F364AENFB#30
R5F364AEN109FB#30	No change
R5F364AEN109FB#V2	R5F364AEN109FB#30
R5F364AEN***FB#30	No change
R5F36506DFB#30	No change
R5F36506DFB#U0	R5F36506DFB#30
R5F36506D***FB#30	No change
R5F36506NFB#30	No change
R5F36506N***FB#30	No change
R5F3650EDFB#30	No change
R5F3650EDFB#U0	R5F3650EDFB#30
R5F3650EDFB#UA	R5F3650EDFB#3A
R5F3650ED***FB#30	No change
R5F3650ENFB#30	No change
R5F3650EN***FB#30	No change
R5F364AKDFB#30	No change
R5F364AKDFB#U0	R5F364AKDFB#30
R5F364AKD***FB#30	No change
R5F364AKNFB#30	No change
R5F364AKNFB#U0	R5F364AKNFB#30
R5F364AKN084FB#30	No change
R5F364AKN106FB#30	No change
R5F364AKN151FB#30	No change
R5F364AKN157FB#30	No change
R5F364AKN***FB#30	No change
R5F364AMDFB#30	No change
R5F364AMDFB#U0	R5F364AMDFB#30
R5F364AMD***FB#30	No change
R5F364AMNFB#30	No change
R5F364AMNFB#U0	R5F364AMNFB#30
R5F364AMN***FB#30	No change
R5F3650KDFB#30	No change
R5F3650KDFB#U0	R5F3650KDFB#30
R5F3650KDFB#UA	R5F3650KDFB#3A
R5F3650KD***FB#30	No change
R5F3650KNFB#30	No change
R5F3650KNFB#U0	R5F3650KNFB#30
R5F3650KN***FB#30	No change
R5F3650MDFB#30	No change
R5F3650MD***FB#30	No change

Orderable Part Number	
Before	After
M30302MAP-***GP#U4	M30302MAP-***GP#34
M30302MCP-***GP#U0	M30302MCP-***GP#30
M30302MCP-***GP#U3	M30302MCP-***GP#33
M30302MEP-***GP#U1	M30302MEP-***GP#31
M30302MEP-***GP#U3	M30302MEP-***GP#33
M30302SPGP#U5	M30302SPGP#35
M3030RFAPGP#U5	M3030RFAPGP#35
M3030RFCPGP#U3	M3030RFCPGP#33
M3030RFCPGP#U5	M3030RFCPGP#35
M3030RFGPGP#U3	M3030RFGPGP#33
M3030RFGPGP#U5	M3030RFGPGP#35
M30620FCPGP#U3C	M30620FCPGP#33C
M30620FCPGP#U5C	M30620FCPGP#35C
M30620FCPGP#U9C	M30620FCPGP#39C
M30620MCP-***GP#U0	M30620MCP-***GP#30
M30620MCP-***GP#U3	M30620MCP-***GP#33
M30620SPGP#U3C	M30620SPGP#33C
M30620SPGP#U5C	M30620SPGP#35C
M30622F8PGP#U3C	M30622F8PGP#33C
M30622F8PGP#U5C	M30622F8PGP#35C
M30622M6P-***GP#U0	M30622M6P-***GP#30
M30622M6P-***GP#U3	M30622M6P-***GP#33
M30622M8P-***GP#U0	M30622M8P-***GP#30
M30622MAP-***GP#U0	M30622MAP-***GP#30
M30622SPGP#U5C	M30622SPGP#35C
M3062LFGPGP#U3C	M3062LFGPGP#33C
M3062LFGPGP#U5C	M3062LFGPGP#35C
M3062LFGPGP#U7C	M3062LFGPGP#37C
M3062LFGPGP#U9C	M3062LFGPGP#39C
M30622MEP-***GP#U0	M30622MEP-***GP#30
M30622MEP-***GP#U3	M30622MEP-***GP#33
M30622MGP-***GP#U0	M30622MGP-***GP#30
M30622MWP-***GP#U0	M30622MWP-***GP#30
M30624FGPGP#U3C	M30624FGPGP#33C
M30624FGPGP#U5C	M30624FGPGP#35C
M30624FGPGP#U7C	M30624FGPGP#37C
M30624FGPGP#U9C	M30624FGPGP#39C
M30624MGP-***GP#U0	M30624MGP-***GP#30
M30624MGP-***GP#U3	M30624MGP-***GP#33
M30624MGP-***GPU5C	M30624MGP-***GP35C
M30626FHPGP#U3C	M30626FHPGP#33C
M30626FHPGP#U5C	M30626FHPGP#35C
M30626FHPGP#U7C	M30626FHPGP#37C
M30626FHPGP#U9C	M30626FHPGP#39C
M30626MHP-***GP#U0	M30626MHP-***GP#30
M30626MWP-***GP#U3	M30626MWP-***GP#33
M30626FJPGP#U3C	M30626FJPGP#33C

Orderable Part Number	
Before	After
R5F3650MNFB#30	No change
R5F3650MN***FB#30	No change
R5F3650NDFB#30	No change
R5F3650NDFB#U0	R5F3650NDFB#30
R5F3650ND***FB#30	No change
R5F3650NNFB#30	No change
R5F3650NNFB#U0	R5F3650NNFB#30
R5F3650NN***FB#30	No change
R5F3650RDFB#30	No change
R5F3650RDFB#UA	R5F3650RDFB#3A
R5F3650RNFB#30	No change
R5F3650RNFB#U0	R5F3650RNFB#30
R5F3650TDFB#30	No change
R5F3650TDFB#U0	R5F3650TDFB#30
R5F3650TDFB#UA	R5F3650TDFB#3A
R5F3650TNFB#30	No change
R5F36406CDFB#30	No change
R5F36406CD***FB#30	No change
R5F36406CNFB#30	No change
R5F36406CN***FB#30	No change
R5F3640ECDFB#30	No change
R5F3640ECD***FB#30	No change
R5F3640ECNFB#30	No change
R5F3640ECN***FB#30	No change
R5F36506CDFB#30	No change
R5F36506CD***FB#30	No change
R5F36506CNFB#30	No change
R5F36506CN***FB#30	No change
R5F3650ECDFB#30	No change
R5F3650ECD***FB#30	No change
R5F3650ECNFB#30	No change
R5F3650ECN***FB#30	No change
R5F3640KCDFB#30	No change
R5F3640KCD***FB#30	No change
R5F3640KCNFB#30	No change
R5F3640KCN***FB#30	No change
R5F3640MCDFB#30	No change
R5F3640MCD***FB#30	No change
R5F3640MCNFB#30	No change
R5F3640MCN***FB#30	No change
R5F3650KCDFB#30	No change
R5F3650KCD***FB#30	No change
R5F3650KCNFB#30	No change
R5F3650KCN***FB#30	No change
R5F3650MCDFB#30	No change
R5F3650MCD***FB#30	No change
R5F3650MCNFB#30	No change

Orderable Part Number	
Before	After
M30626FJPGP#U5C	M30626FJPGP#35C
M30626FJPGP#U7C	M30626FJPGP#37C
M30626MJP-***GP#U0	M30626MJP-***GP#30
R5F363A6DFB#30	No change
R5F363A6D***FB#30	No change
R5F363A6NFB#30	No change
R5F363A6N***FB#30	No change
R5F363AEDFB#30	No change
R5F363AED052FB#30	No change
R5F363AED053FB#30	No change
R5F363AED054FB#30	No change
R5F363AED***FB#30	No change
R5F363AENFB#30	No change
R5F363AEN***FB#30	No change
R5F363AKDFB#30	No change
R5F363AKDFB#U0	R5F363AKDFB#30
R5F363AKD***FB#30	No change
R5F363AKNFB#30	No change
R5F363AKN***FB#30	No change
R5F363AMDFFB#30	No change
R5F363AMDFFB#U0	R5F363AMDFFB#30
R5F363AMD***FB#30	No change
R5F363AMNFB#30	No change
R5F363AMN***FB#30	No change
R5F363B6DFE#30	No change
R5F363B6NFE#30	No change
R5F363BEDFE#30	No change
R5F363BENFE#30	No change
R5F3640DDFB#30	No change
R5F3640DDFB#U0	R5F3640DDFB#30
R5F3640DNFB#30	No change
R5F3640MDFB#30	No change
R5F3640MDFB#U0	R5F3640MDFB#30
R5F3640MNFB#30	No change
R5F3640MNFB#U0	R5F3640MNFB#30
R5F364A6DFB#30	No change
R5F364A6DFB#U0	R5F364A6DFB#30
R5F364A6D***FB#30	No change
R5F364A6NFB#30	No change
R5F364A6NFB#U0	R5F364A6NFB#30
R5F364A6N052FB#30	No change

Orderable Part Number	
Before	After
R5F3650MCN***FB#30	No change
R5F3650NCDFB#30	No change
R5F3650NCD***FB#30	No change
R5F3650NCNFB#30	No change
R5F3650NCN***FB#30	No change
R5F36CA6DFB#30	No change
R5F36CA6D***FB#30	No change
R5F36CA6NFB#30	No change
R5F36CA6NFB#U0	R5F36CA6NFB#30
R5F36CA6N***FB#30	No change
R5F36CAEDFB#30	No change
R5F36CAED***FB#30	No change
R5F36CAENFB#30	No change
R5F36CAEN***FB#30	No change
R5F36CAKDFB#30	No change
R5F36CAKD***FB#30	No change
R5F36CAKNFB#30	No change
R5F36CAKNFB#U0	R5F36CAKNFB#30
R5F36CAKN***FB#30	No change
R5F36CAMDFB#30	No change
R5F36CAMDFB#U0	R5F36CAMDFB#30
R5F36CAMD***FB#30	No change
R5F36CAMNFB#30	No change
R5F36CAMNFB#U0	R5F36CAMNFB#30
R5F36CAMN***FB#30	No change
M30800SAGP-BL#U5	M30800SAGP-BL#35
M30840SGP#U5	M30840SGP#35
M30843FHGP#U5	M30843FHGP#35
M30843FJGP#U5	M30843FJGP#35
M30843FWGP#U5	M30843FWGP#35
M30853FHGP#U5	M30853FHGP#35
M30853FJGP#U5	M30853FJGP#35
M30879FKBGP#U5	M30879FKBGP#35
M30879FLAGP#U5	M30879FLAGP#35
M30879FLBGP#U5	M30879FLBGP#35
M30879FLGP#U5	M30879FLGP#35
M30873FHAGP#U5	M30873FHAGP#35
M30873FHBGP#U5	M30873FHBGP#35
M30873FHGP#U5	M30873FHGP#35
M30876FJAGP#U5	M30876FJAGP#35
M30876FJBGP#U5	M30876FJBGP#35
M308A0SGP#U5	M308A0SGP#35