# Product Change Notice (PCN)

**Name:** :Assembly materials change for Renesas Electronics products.
**Issued on:**10/5/2020
**Scheduled ship date:** 8/1/2021 Sequentially.
The last order date of the current specification is the last day of August 2021

## Version history.
Initial

## Description of the change:
Changes are made to die bond materials, leadframe materials, and assembly bases for products covered by M16C Regarding the target products of Die bond material, lead frame material, assembly base, family (consumer, industrial), Consumer, industrial M32C Consumer, industrial family (consumer and industrial), R1LV1616HBG family (SRAM),OISCAMERA,and ASIC products.
Please refer to the separate sheet for changes for each product.

## List of eligible products:
See separate sheet

## Reason for the change.
To end the supply of material manufacturers for

## Impact on external, functional, quality, and reliability. :
There is no change in the outer shape. There is no impact on functionality, quality or reliability.

## How to identify a product.
It is possible to display our production history data from the trace code of the product.

## About Reliability Data.
The reliability assessment is scheduled to be completed at the end of January 2021. Reliability data can be provided from February 2021.

## Scheduled date of shipment of the sample:5/1/2021
If you need a sample, please request the required number by the end of December 2020.

## Chemical data of products/materials: : /202012 The <a0>T:SystemPlease contact your sales representative at our sales or sales dealer.

Please note:

1.  If you do not contact us within 30 If you do not contact us within a day, days of handing over the PCN to you, we will consider the changes as approved and implement the changes.

2.  After handing over If there are conditions for the approval procedure the PCN to the customer, if there are any conditions for the approval process, please contact us within 90 days. Even if there is no communication within 90 days after receiving the notice, we will consider it to have been approved and implement the change.

3.  If you do not approve the changes, please present the number of final orders and place an order.

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| **If you have any questions about this notice, please** contact our sales or **concession store.** |

Note: This list is for sales including ROM PN. For customers, please submit the attached list for customers(Product List for customers −200930.xlsx).

| Orderable Part Number | Frame | Die attach material(Before->After) | Factory(Before->After) | product | pkg type |
|---|---|---|---|---|---|
| | | Change Description | | | |
| M30280FAWG#U5B | - | Change(Film -> Film) | No change | M16C family (for consumer and industrial use) | TFLGA |
| M30280FAWG#U7B | - | Change(Film -> Film) | No change | M16C family (for consumer and industrial use) | TFLGA |
| M30281F6HP#U3B | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | LQFP |
| M30281F6HP#U5B | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | LQFP |
| M30281F6HP#U9B | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | LQFP |
| M30281F6HP#UFB | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | LQFP |
| M30281F8HP#U3B | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | LQFP |
| M30281F8HP#U5B | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | LQFP |
| M30281F8HP#U7B | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | LQFP |
| M30281FAHP#U3B | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | LQFP |
| M30281FAHP#U5B | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | LQFP |
| M30281FAHP#U7B | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | LQFP |
| M30281FAHP#U9B | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | LQFP |
| M30281FAHP#UFB | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | LQFP |
| M30281FCBHP#U7B | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | LQFP |
| M30281FCBHP#U9B | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | LQFP |
| M30281FCHP#U3B | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | LQFP |
| M30281FCHP#U55 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | LQFP |
| M30281FCHP#U5B | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | LQFP |
| M30281FCHP#U7B | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | LQFP |
| M30281FCHP#W55 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | LQFP |
| M30281M8-352HP#U5 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | LQFP |
| M30281M8-362HP#U5 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | LQFP |
| M30281M8-377HP#U3 | No change | Change(Film->Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| M30281M8-XXXHP#U3 | No change | Change(Film->Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| M30281M8-XXXHP#U5 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | LQFP |
| M30281MA-304HP#U5 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | LQFP |
| M30281MA-A11HP#U5 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | LQFP |
| M30281MA-XXXHP#U5 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | LQFP |
| M30281MC-A04HP#U5 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | LQFP |
| M30281MC-XXXHP#U5 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | LQFP |
| M30291FAHP#U3A | No change | Change(Film->Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| M30291FAHP#U5A | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | LQFP |
| M30291FAHP#U7A | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | LQFP |
| M30291FAHP#U9A | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | LQFP |
| M30291FCHP#U3A | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | LQFP |
| M30291FCHP#U5A | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | LQFP |
| M30291FCHP#U7A | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | LQFP |
| M30291FCHP#U9A | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | LQFP |
| M30291FCHP#UFA | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | LQFP |
| M30302FAPFP#U3 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302FAPFP#U5 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302FCPFP#U5 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302FEPFP#U5 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-142FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-149FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-167FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-172FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-185FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-191FP#US | No change | Change(Film->Ag Paste) | No change | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-201FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-203FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-218FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-227FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-228FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-237FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-253FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-285FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-288FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-308FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-313FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-322FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-331FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-361FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-365FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-366FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-367FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-368FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-370FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-374FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-375FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-376FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-378FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-380FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-381FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-382FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-383FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-385FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-387FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-389FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-D55FP#U1 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-XXXFP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-XXXFP#U1 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MAP-XXXFP#US | No change | Change(Film->Ag Paste) | No change | M16C family (for consumer and industrial use) | QFP |
| M30302MCP-219FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MCP-220FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MCP-300FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MCP-301FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MCP-336FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MCP-350FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MCP-360FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MCP-386FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MCP-388FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MCP-B06FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MCP-B07FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MCP-XXXFP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MDP-372FP#U1 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MDP-391FP#U1 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MDP-XXXFP#U1 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MEP-A97FP#U3 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MEP-A99FP#U3 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30302MEP-XXXFP#U3 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30304GEPFP#U3 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M3030RFCPFP#U5 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M3030RFEPFP#U5 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M3030RFGPFP#U3 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M3030RFGPFP#U5 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30620FCPFP#U3C | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30620FCPFP#U5C | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30620FCPFP#U7C | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30620FCPFP#U9C | No change | Change(Film->Ag Paste) | No change | M16C family (for consumer and industrial use) | QFP |
| M30620MCP-193FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30620MCP-268FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30620MCP-321FP#X1 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30620MCP-371FPU02 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30620MCP-553FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30620MCP-601FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30620MCP-640FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30620MCP-641FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30620MCP-642FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30620MCP-647FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30620MCP-668FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30620MCP-669FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30620MCP-671FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30620MCP-673FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30620MCP-681FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |

| Part | Col2 | Col3 | Col4 | Family | Package |
|---|---|---|---|---|---|
| M30620MCP-A54FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30620MCP-XXXFP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30620SPFP#U3C | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30620SPFP#U5 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30620SPFP#U5C | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30621FCPGP#U3C | No change | Change(Film->Ag Paste) | No change | M16C family (for consumer and industrial use) | QFP |
| M30621FCPGP#U5C | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30621MCP-409GP#U3 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30621MCP-540GP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30621MCP-587GP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30621MCP-602GP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30621MCP-603GP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30621MCP-604GP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30621MCP-616GP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30621MCP-624GP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30621MCP-633GP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30621MCP-635GP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30621MCP-680GP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30621MCP-688GP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30621MCP-689GP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30621MCP-A85GP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30621MCP-XXXGP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30621MCP-XXXGP#U3 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622F8PFP#U3C | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622F8PFP#U5C | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622M6P-280FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622M6P-XXXFP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622M8P-628FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622M8P-629FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622M8P-630FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622M8P-631FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622M8P-632FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622M8P-636FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622M8P-637FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622M8P-639FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622M8P-643FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622M8P-644FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622M8P-646FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622M8P-648FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622M8P-649FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622M8P-650FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622M8P-651FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622M8P-652FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622M8P-653FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622M8P-654FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622M8P-655FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622M8P-656FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622M8P-657FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622M8P-658FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622M8P-659FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622M8P-661FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622M8P-662FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622M8P-663FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622M8P-664FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622M8P-665FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622M8P-683FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622M8P-XXXFP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622MEP-478FP#UR | No change | Change(Film->Ag Paste) | No change | M16C family (for consumer and industrial use) | QFP |
| M30622MEP-517FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622MEP-XXXFP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622MEP-XXXFP#UR | No change | Change(Film->Ag Paste) | No change | M16C family (for consumer and industrial use) | QFP |
| M30622MGP-404FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622MGP-405FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622MGP-561FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622MGP-588FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622MGP-618FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622MGP-633FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622MGP-638FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622MGP-XXXFP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622SPFP#U3C | No change | Change(Film->Ag Paste) | No change | M16C family (for consumer and industrial use) | QFP |
| M30622SPFP#U5 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622SPFP#U5C | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30623M8P-402GP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30623M8P-451GP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30623M8P-571GP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30623M8P-692GP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30623M8P-695GP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30623M8P-XXXGP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30623MAP-687GP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30623MAP-A88GP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30623MAP-XXXGP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30623MEP-475GP#U0 | No change | Change(Film->Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| M30623MEP-499GP#U0 | No change | Change(Film->Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| M30623MEP-586GP#U0 | No change | Change(Film->Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| M30623MEP-608GP#U0 | No change | Change(Film->Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| M30623MEP-XXXGP#U0 | No change | Change(Film->Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| M30623MGP-557GP#U0 | No change | Change(Film->Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| M30623MGP-XXXGP#U0 | No change | Change(Film->Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| M30624FGPFP#U3C | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30624FGPFP#U5C | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30624FGPFP#U7C | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30624FGPFP#U9C | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30625FGPGP#U3C | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| M30625FGPGP#U5C | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| M30625FGPGP#U9C | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| M30625MGP-169GP#U3 | No change | Change(Film->Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| M30625MGP-274GP#U0 | No change | Change(Film->Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| M30625MGP-490GP#U3 | No change | Change(Film->Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| M30625MGP-499GP#U0 | No change | Change(Film->Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| M30625MGP-XXXGP#U0 | No change | Change(Film->Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| M30625MGP-XXXGP#U3 | No change | Change(Film->Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| M30626FHPFP#U3C | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30626FHPFP#U5C | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30626FHPFP#U7C | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30626FHPFP#U9C | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30626FJPFP#U3C | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30626FJPFP#U5C | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30626FJPFP#U7C | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30626MHP-352FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30626MHP-382FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30626MHP-400FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30626MHP-XXXFP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30626SPFP#U3C | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30627FHPGP#U3C | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| M30627FHPGP#U5C | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| M30627FHPGP#U7C | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| M30627FHPGP#U9C | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| M30627FJPGP#U3C | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| M30627FJPGP#U5C | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| M30627FJPGP#U7C | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| M30627FJPGP#U9C | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| M30627FJPWG#U3C | – | Change(Film -> Film) | No change | M16C family (for consumer and industrial use) | TFLGA |
| M30627MHP-297GP#U0 | No change | Change(Film->Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| M30627MHP-512GP#U3 | No change | Change(Film->Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| M30627MHP-XXXGP#U0 | No change | Change(Film->Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| M30627MHP-XXXGP#U3 | No change | Change(Film->Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| M3062LFGPFP#U3C | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M3062LFGPFP#U5C | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M3062LFGPFP#U7C | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M3062LFGPFP#USC | No change | Change(Film->Ag Paste) | No change | M16C family (for consumer and industrial use) | QFP |
| M306S0FAGP#U3 | No change | Change(Film->Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| M306S0FAGP#U5 | No change | Change(Film->Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |

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|---|---|---|---|---|---|
| M30800SAFP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30800SAFP-BL#U5 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M32C family (for consumer and industrial use) | LQFP |
| M30833FJFP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | QFP |
| M30833FJFP#U5 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M32C family (for consumer and industrial use) | QFP |
| M30833FJGP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30833FJGP#U5 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M32C family (for consumer and industrial use) | LQFP |
| M30835FJGP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30835FJGP#U5 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30842MC-054GP#U0 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30842MC-XXXGP#U0 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30842SGP#U5 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30843FHFP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | QFP |
| M30843FHFP#U5 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M32C family (for consumer and industrial use) | QFP |
| M30843FJFP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | QFP |
| M30843FJGP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30843FWGP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30845FJGP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30845FJGP#U5 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30845FWGP#U5 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30853FHFP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | QFP |
| M30853FHFP#U5 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M32C family (for consumer and industrial use) | QFP |
| M30853FHGP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30853FJFP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | QFP |
| M30853FJFP#U5 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M32C family (for consumer and industrial use) | QFP |
| M30853FJGP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30855FHGP#U5 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30855FJGP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30855FJGP#U5 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30873FHAGP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30873FHBGP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30873FHBGP#U3T | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30873FHGP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30873MHA-C30GP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30873MHA-C32GP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30873MHA-XXXGP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30873MHB-748GP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30873MHB-A79GP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30873MHB-A83GP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30873MHB-A93GP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30873MHB-A98GP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30873MHB-XXXGP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30875FHAGP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30875FHAGP#U5 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30875FHBGP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30875FHBGP#U3P | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30876FJAGP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30876FJBGP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30876MJA-A89GP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30876MJA-A90GP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30876MJA-C27GP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30876MJA-C35GP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30876MJA-C37GP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30876MJA-C38GP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30876MJA-C39GP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30876MJA-C40GP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30876MJA-C41GP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30876MJA-XXXGP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30876MJB-713GP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30876MJB-756GP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30876MJB-757GP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30876MJB-A28GP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30876MJB-A52GP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30876MJB-A69GP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30876MJB-A91GP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30876MJB-XXXGP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30878FHCGP#U3P | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30878FJAGP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30878FJAGP#U3P | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30878FJBGP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30878FJGP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30879FKAGP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30879FKBGP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30879FKGP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30879FLAFP#UG | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | QFP |
| M30879FLAGP#U3 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M32C family (for consumer and industrial use) | LQFP |
| M30879FLBGP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M30879FLFP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | QFP |
| M30879FLFP#U5 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M32C family (for consumer and industrial use) | QFP |
| M30879FLGP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M3087BFKBGP#U3P | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M3087BFKGP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M3087BFKGP#U5 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M3087BFLAGP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M3087BFLAGP#U5 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M3087BFLBGP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M3087BFLBGP#U5 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M3087BFLGP#U3 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M3087BFLGP#U5 | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M3087NFJCGP#U3P | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| M308A5SGP#UN | No change | Change(Film->Ag Paste) | No change | M32C family (for consumer and industrial use) | LQFP |
| R5F363A6NFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F363AEDFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F363AENFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F363AKDFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F363AKNFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F363AMDFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F363AMDLG#U0 | - | Change(Film -> Film) | No change | M16C family (for consumer and industrial use) | TFLGA |
| R5F363AMNFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F363SMNLG#U0 | - | Change(Film -> Film) | No change | M16C family (for consumer and industrial use) | TFLGA |
| R5F36406CDFA#V0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3640DDFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3640DDXXXFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3640DNFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3640DNXXXFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3640ECDFA#V0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3640ECNFA#V0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3640MCNFA#V0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3640MDFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3640MDXXXFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3640MNFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3640MNXXXFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F364A6DFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F364A6NFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F364AEDFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F364AENFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F364AKDFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F364AKNFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F364AMDFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F364AMNFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F364KDDFA#UA | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F364VDNFA#UA | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F36506CDFA#V0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F36506CNFA#V0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F36506DFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F36506NFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3650ECDFA#V0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3650ECNFA#V0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3650EDFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3650ENFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3650KCDFA#V0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3650KDFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3650KNFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |

| | | | | | |
|---|---|---|---|---|---|
| R5F3650MCDFA#V0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3650MDFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3650MNFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3650NCDFA#V0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3650NCNFA#V0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3650NDFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3650NNFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3650RNFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3650TDFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3650TNFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3651ECNFC#V0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651EDFC#U0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651EDXXXFC#U0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651EN062FC#U0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651EN097FC#U0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651EN099FC#U0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651EN101FC#U0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651EN102FC#U0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651EN108FC#U0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651EN109FC#U0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651EN161FC#U0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651EN196FC#U0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651EN232FC#U0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651ENFC#U0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651ENXXXFC#U0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651KCDFC#V0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651KCNFC#V0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651KDFC#U0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651KDFC#UA | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651KDXXXFC#U0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651KNFC#U0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651KNXXXFC#U0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651MCDFC#V0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651MDFC#U0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651MDFC#UA | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651MDXXXFC#U0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651MN145FC#U0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651MN148FC#U0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651MN234FC#U0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651MNFC#U0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651MNXXXFC#U0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651NCDFC#V0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651NCNFC#V0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651NDFC#U0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651NDFC#UA | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651NDXXXFC#U0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651NNFC#U0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651NNXXXFC#U0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651RDFC#U0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651RDFC#UA | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651TDFC#U0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651TDFC#UA | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651TNFC#U0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F36CAMDFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F64112NLG#U0 | – | Change(Film -> Film) | No change | M32C family (for consumer and industrial use) | TFLGA |
| R5F6411FNLG#U0 | – | Change(Film -> Film) | No change | M32C family (for consumer and industrial use) | TFLGA |
| R5F3651ECNXXXFC#V0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651KCDXXXFC#V0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651KCNXXXFC#V0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651MCDXXXFC#V0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651NCDXXXFC#V0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F3651NCNXXXFC#V0 | Change | Change(Film⇒Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| R5F363A6NXXXFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F363AEDXXXFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F363AENXXXFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F363AKDXXXFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F363AKNXXXFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F363AMDXXXFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F363AMNXXXFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F36406CDXXXFA#V0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3640ECDXXXFA#V0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3640ECNXXXFA#V0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3640MCNXXXFA#V0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F364A6DXXXFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F364A6NXXXFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F364AEDXXXFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F364AENXXXFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F364AKDXXXFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F364AKNXXXFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F364AMDXXXFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F364AMNXXXFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F36506CDXXXFA#V0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F36506CNXXXFA#V0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F36506NXXXFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3650ECDXXXFA#V0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3650ECNXXXFA#V0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3650EDXXXFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3650ENXXXFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3650KCDXXXFA#V0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3650KDXXXFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3650KNXXXFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3650MCDXXXFA#V0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3650NCDXXXFA#V0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3650NCNXXXFA#V0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3650NDXXXFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F3650NNXXXFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F36CAMDXXXFA#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R5F64110DFB#U0 | Change | No change | No change | M32C family (for consumer and industrial use) | LQFP |
| R5F64111DFB#U0 | Change | No change | No change | M32C family (for consumer and industrial use) | LQFP |
| R5F64112DFB#U0 | Change | No change | No change | M32C family (for consumer and industrial use) | LQFP |
| R5F64114DFB#U0 | Change | No change | No change | M32C family (for consumer and industrial use) | LQFP |
| R5F64115DFB#U0 | Change | No change | No change | M32C family (for consumer and industrial use) | LQFP |
| R5F64116DFB#U0 | Change | No change | No change | M32C family (for consumer and industrial use) | LQFP |
| M30281M8-A12HP#U3 | No change | Change(Film->Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| M30620MCP-701FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30621MCP-702GP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30622MGP-643FP#U0 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30281M8-380HP#U3 | No change | Change(Film->Ag Paste) | No change | M16C family (for consumer and industrial use) | LQFP |
| M30620MCP-XXXFP#X1 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| M30620MCP-XXXFPU02 | No change | Change(Film->Ag Paste) | Change(ATJ,RSB->ATJ) | M16C family (for consumer and industrial use) | QFP |
| R8A30330BG#G0 | – | Change(Film -> Film) | No change | ASIC | LFBGA |
| R8A30930BA#U6 | – | Change(Film -> Film) | No change | ASIC | LFBGA |
| R1LV1616HBG-4SI#B0 | – | Change(Film -> Film) | No change | R1LV1616HBG family (SRAM) | TFBGA |
| R1LV1616HBG-4SI#S0 | – | Change(Film -> Film) | No change | R1LV1616HBG family (SRAM) | TFBGA |
| R1LV1616HBG-5SI#B0 | – | Change(Film -> Film) | No change | R1LV1616HBG family (SRAM) | TFBGA |
| R1LV1616HBG-5SI#S0 | – | Change(Film -> Film) | No change | R1LV1616HBG family (SRAM) | TFBGA |
| R2J30513LG#U2 | – | Change(Film -> Film) | No change | OIS CAMERA | TFLGA |
| R2J30513LG#W2 | – | Change(Film -> Film) | No change | OIS CAMERA | TFLGA |

Note: ATJ:Amkor Technology Japan, Inc.
RSB:Renesas Semiconductor (Beijing) Co., Ltd.