

To: Digi-Key Corporation

Doc# : PC#19RY04

Issued on : April 15, 2019

Asahi Kasei Microdevices Corporation

**(Urgent) Product Change Notice**

Regarding the notices dated June 1, 2018 (Doc#:PD#180306), and its following notice dated November 19, 2018 (Doc#:PC#180711), we hereby inform you that the ink marking machine at the current site, Renesas Yonezawa, went out of order. The efforts of recovering and repairing the machine were made, but we received the report from the site on March 30 that there was no possibility of restoring the operation.

In the original notice, we informed the discontinuation due to the aging of the production equipment. We cooperated with the assembly company to seek the possibility of maintaining the machine and its operation in order to complete the production. In the course of such effort, the machine came to halt, and we judged that restoration of production with current marking machine is impossible.

Accordingly, we would like to change the marking method to laser marking. Your prompt approval will be highly appreciated. The alternative machine is currently in operation and the smooth and quick transfer of the process is possible. Please see the following for details.

Items                    Please see the attached list  
 Change item          Method of marking the package  
                              \*There is no change for the product name.

**Summary of Change**

| Items              |                   | Current            | Laser                  |
|--------------------|-------------------|--------------------|------------------------|
| Assy Proc.         | Marking Method    | Ink                | Laser                  |
| Equipment          | Marking Equipment | Ink (Type : M-100) | Laser (Type : Mark.08) |
| Package Appearance |                   | Change             |                        |
| Production Method  |                   | Change             |                        |

**Reason** Due to the break down of the ink marking machine at Renesas  
**Impact** No impact of the electric specification or the assembly quality  
**on Quality** Products are controlled by the date code

**Schedule**

|                     |                    |   |
|---------------------|--------------------|---|
| Current (Ink)       | End of March, 2019 | Production terminated   |
| Alternative (Laser) | Mid of April, 2019 | Package sample ready (mock)   |
|                     | End of April, 2019 | Requested approval date   |
|                     | May, 2019          | Alternative products read to ship<br>*shipped as the current stock is used. |

**Attachment** (1) Product List  
(2) Comparison of difference

**Request** Delivery of each changed product will be arranged on and after May, 2019.

Regarding the items in the notice, Doc#: PC#180711, dated on November 19, 2018, we plan to partially advance the schedule. Details will be informed if necessary.

End



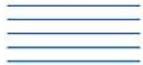
Haruyuki Kurosawa

Vice President, M&S Center

Asahi Kasei Microdevices Corporation

1-1-2 Yuraku-cho, Chiyoda-ku, Tokyo 100-0006, Japan

Phone +81-(0)3-6699-3943 Fax +81-(0)3-6699-3935

**Attachment (1) Product List**

| No. | AKM P/N   |
|-----|-----------|
| 1   | AK2301A   |
| 2   | AK4120VF  |
| 3   | AK4353VF  |
| 4   | AK4363VF  |
| 5   | AK4516AVF |
| 6   | AK9813BF  |
| 7   | AK2368    |
| 8   | AK2345    |
| 9   | AK4117VF  |

**Attachment ( 2 ) Comparison of Difference**

We compared the two marking methods with the samples of our representative product, AK4516AVF. There is no big difference found in layout, fonts and font size. There is no problems found regarding visibility with the appearance inspection machine.

|  | Current  | After   |
|--|--|---|
|  | Ink Mark   | Laser Mark  |
| Rep Sample : AK4516AVF<br>Hight AKM Log : 1.2mm<br>Letter : 0.75mm |  |  Std. Font |