

PRODUCT CHANGE NOTIFICATION

PCN No:	PCN-SM2003-5
Announcement date	2021-03-17
Last order placement date for products from Nantong (All Except MB85RC16PNF-G-JNE1/JNERE1 & MB85RC64PNF-G-JNE1/JNERE1)	2021-05-31
Last shipment data from Nantong (All Except MB85RC16PNF-G-JNE1/JNERE1 & MB85RC64PNF-G-JNE1/JNERE1)	2021-09-30
<p style="color: red;">Last order placement date for products from Nantong (MB85RC16PNF-G-JNE1/JNERE1 & MB85RC64PNF-G-JNE1/JNERE1)</p> <p style="color: red;">This transfer plan has been cancelled. These products will continue to be produced at Nantong.</p> <p style="color: red;">Last shipment date from Nantong (MB85RC16PNF-G-JNE1/JNERE1 & MB85RC64PNF-G-JNE1/JNERE1)</p>	<p style="color: red;">2021-05-31</p> <p style="color: red;">2021-12-24</p>

1. Affected Product(s):

SOP8

MB85RXXXXXPNF-G-JNERE1, MB85RXXXXXPNF-G-JNE1

Please see attached affected part number list.

2. Description of Change

Backend Factory (assembly and final testing) of SOP8 will be transferred from Nantong factory to Hefei factory.

3. Reason of Phasing Out:

Tongfu Microelectronics decided to shrink SOP8 line of their Nantong Factory and transfer the manufacturing line to their Hefei Factory.

4. Substitute

Products after transfer

- Part Number(P/N) is will not be changed.
- The Schedule of shipment from Hefei(New line):
 - * Reliability Evaluation
 - MB85RC512PNF-G-JNE1/JNERE1, MB85RC1MTPNF-G-JNE1/JNERE1, MB85RS512PNF-G-JNE1/JNERE1, MB85RS1MTPNF-G-JNE1/JNERE1
 - Reliability Evaluation result will be available by **1st April 2021**
 - All other parts
 - Reliability Evaluation result is available by **Now**
- * Equivalent sample will be provided sequentially form March 2021
- * Following plating related test result will be available by **mid March 2021**
 - Solder wettability test
 - Whisker evaluation test
- Changing points
 1. Manufacturer: Tongfu Micro Electronics: Nantong line → Hefei line
 2. Resin : Halogen-containing resin → Halogen-free resin
(Environmentally friendly)
 3. Outer Lead Plating : Sn-Bi plating → Pure Sn plating
 - * No changes to package appearance
 - * See 'PCN_TFME SOP8 Hefei Transfer Explanation for Customers' for other detailed changing point.

Please give us a feedback about this PCN if you decide to place a last time order for Nantong products (please see the last order placement due date).

Without any feedback by due date, we will assume that you do not require last time build from Nantong factory and deem to agree to transfer products to Hefei factory.

Contact details for any further information:

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