

October, 2014

Dear Valued Customer,

[NOTICE] Substrate Material Change of BGA Products

First of all, we would like to take this opportunity to thank you for the excellent business relationship between the two companies and we look forward to a successful continuous partnership in the future.

1. Change Item : Substrate core material and solder resist

Please refer to attached Appendix for detail of the change and evaluation result.

2. Reason and Background

In order to unify specifications of substrate material and to promote "Halogen-Free" substrate

As you know, demand for environmentally friendly semiconductor products has risen day by day. Number of customers who demand a halogen-free substrate material is also increasing. We have individually corresponded about the demand. By the individual correspondences, number of specification of the substrate material has increased and the specifications made working efficiency worse. We like to unify specifications of substrate material, promoting "Halogen-Free" substrate.

3. Applicable Products : Please see e-mail.

4. Schedule : April, 1, 2015 ~

We will start shipment of new substrate material parts in April 2015.

Actual timing of each product will be fixed, depending on order volume & inventory status.

5. Request

In order to secure current materials, would like you to reconfirm forecast of your further demand by end of November.

I appreciate your understanding and cooperation.

Sincerely yours,



Tom Sakashita
General Manager,
Device Sales & Marketing Dep.
Micro Devices Operations Division