

Dec.27, 2007 C-71547E

To : Hana Semiconductor(Ayutthaya) Co.,Ltd.

Certificate

We hereby certify that the following hazardous substances aren't used intentionally as ingredient(s) for the following products manufactured by Shin-Etsu Electronics(M) Sdn.Bhd.

1. Product : KMC-3580P-14F, KMC-3580P-8
2. Hazardous substances
 - Perfluorooctane Sulfonates(PFOS)
 - Perfluoro-octanoic acid(PFOA)
 - Perfluoroalkyl sulfonates (PFAS)
 - TBBP-A(Tetrabromobisphenol-A)
 - Other halogen and its compounds
 - Red phosphorous

This investigation is conducted only for the products themselves.

Packing materials are out of scope of the investigation.

Our liability under this Certificate shall not exceed the purchase price of the particular shipment with respect to which the claims are made and shall not include liability for special, incidental, indirect, punitive or consequential damages.



Yoshinari Kumai

Deputy General Manager

Quality Assurance Department

Gunma Complex

Shin-Etsu Chemical Co.,Ltd.