



February 25, 2010

PCN Number: 1001

PCN Change Level: Major

Re: Change in Mold Compound and Die Attach Material for BG and FG Packages,
Standard and Lead-Free

Dear Customer,

This notification is to inform you that Actel has qualified the Sumitomo G770 Series and Nitto GE100L mold compounds, with Abelstik 2300 die attach material, for the BG and FG packages at Amkor Philippines and Korea locations. The mold compounds Cookson SMT-B1RC and Nitto HC-100XJAA have been discontinued. For a list of affected devices, refer to [Table 1 on page 2](#).

Shipments with the new material set will be as follows:

- 1 FG256, FG484, and BG456 packages, both standard and lead-free, will ship starting May 2010.
- 2 FG1152, FG896, and FG676 packages, both standard and lead-free, will ship starting June 2010.

For questions, or to request a qualification report (PA-131 and PA-140) on the devices listed in [Table 1 on page 2](#), please contact the Actel Technical Support hotline at tech@actel.com.

Regards,

Actel

Table 1. Affected Devices

A54SX32-BG329	A54SX16A-2FGG256	A54SX32A-FFG256
A54SX32-BGG329	A54SX16A-FG256I	A54SX32A-FFGG256
A54SX32-1BG329	A54SX16A-FGG256I	A54SX32A-1FG256
A54SX32-1BGG329	A54SX16A-1FG256I	A54SX32A-1FGG256
A54SX32-2BG329	A54SX16A-1FGG256I	A54SX32A-2FG256
A54SX32-2BGG329	A54SX16A-2FG256I	A54SX32A-2FGG256
A54SX32-3BG329	A54SX16A-2FGG256I	A54SX32A-FG256I
A54SX32-3BGG329	A54SX16A-FG256A	A54SX32A-FGG256I
A54SX32-BG329I	A54SX16A-FGG256A	A54SX32A-1FG256I
A54SX32-BGG329I	A54SX16A-FG256M	A54SX32A-1FGG256I
A54SX32-1BG329I	A54SX16A-FGG256M	A54SX32A-2FG256I
A54SX32-1BGG329I	A54SX16A-1FG256M	A54SX32A-2FGG256I
A54SX32-2BG329I	A54SX16A-1FGG256M	A54SX32A-FG256A
A54SX32-2BGG329I	A54SX32A-BG329	A54SX32A-FGG256A
A54SX32-3BG329I	A54SX32A-BGG329	A54SX32A-FG256M
A54SX32-3BGG329I	A54SX32A-FBG329	A54SX32A-FGG256M
A54SX32-BG313	A54SX32A-FBGG329	A54SX32A-1FG256M
A54SX32-1BG313	A54SX32A-1BG329	A54SX32A-1FGG256M
A54SX32-2BG313	A54SX32A-1BGG329	A54SX32A-FG484
A54SX32-3BG313	A54SX32A-2BG329	A54SX32A-FGG484
A54SX32-BG313I	A54SX32A-2BGG329	A54SX32A-FFG484
A54SX32-1BG313I	A54SX32A-BG329I	A54SX32A-FFGG484
A54SX32-2BG313I	A54SX32A-BGG329I	A54SX32A-1FG484
A54SX32-3BG313I	A54SX32A-1BG329I	A54SX32A-1FGG484
A54SX32-BG313M	A54SX32A-1BGG329I	A54SX32A-2FG484
A54SX32-1BG313M	A54SX32A-2BG329I	A54SX32A-2FGG484
A54SX16A-FG256	A54SX32A-2BGG329I	A54SX32A-FG484I
A54SX16A-FGG256	A54SX32A-BG329M	A54SX32A-FGG484I
A54SX16A-FFG256	A54SX32A-BGG329M	A54SX32A-1FG484I
A54SX16A-FFGG256	A54SX32A-1BG329M	A54SX32A-1FGG484I
A54SX16A-1FG256	A54SX32A-1BGG329M	A54SX32A-2FG484I
A54SX16A-1FGG256	A54SX32A-FG256	A54SX32A-2FGG484I
A54SX16A-2FG256	A54SX32A-FGG256	A54SX32A-FG484M

A54SX32A-FGG484M
A54SX32A-1FG484M
A54SX32A-1FGG484M
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A54SX72A-FGG256
A54SX72A-FFG256
A54SX72A-FFGG256
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A54SX72A-FG484M
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A54SX72A-1FGG484M
A500K270-BG456I
APA150-BG456
APA150-BGG456
APA150-BG456I
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APA300-BG456
APA300-BGG456
APA300-BG456I
APA300-BGG456I
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APA450-BG456
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APA450-FG484
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APA450-FG484I
APA450-FGG484I
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APA450-FGG484A
APA600-BG456
APA600-BGG456
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APA600-BG456M
APA600-BGG456M
APA600-FG676
APA600-FGG676
APA600-FG676I
APA600-FGG676I
APA750-BG456
APA750-BGG456
APA750-BG456I
APA750-BGG456I
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APA750-FGG676I
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APA750-FGG896I
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APA750-FGG896A
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