

Information note

INF221508

Dear

TOKYO ELECTRON DEVICE
KEYENCE
cy-pcn@teldevice.co.jp

With this Infineon Technologies AG Information Note we would like to inform you about the following

Minor metal mask change in 65-nm technology 3.0V 16Mbit MoBL™ SRAM



On 16 April 2020, Infineon acquired Cypress.
We are now in the process of merging and consolidating our tools and processes for PCN, Information Notes, Errata and Product Discontinuance.
For further details, please visit our website:

<https://www.infineon.com/cms/en/about-infineon/company/cypress-acquisition/>

Cypress Semiconductor Corporation – An Infineon Technologies AG company,
198 Champion Court San Jose, CA 95134. Tel: (408) 943-2600

▶ **Products affected**

Please refer to attached affected product list [2]

▶ **Detailed change information**

Subject Infineon advises customers of a minor metal mask revision to the existing 2.2V – 3.6V industrial-grade 16Mbit MoBL™ SRAM on the 65-nm process node having marketing part numbers CY62167EV30LL-45ZXI and CY62167EV30LL-45ZXIT.

Reason The mask change has been implemented to correct data corruption resulting from coupling between the data and signal lines seen on some 65-nm dies towards the edge of a wafer. There are no changes to the datasheet specifications.

Description	Old	New
	<ul style="list-style-type: none"> Corruption in write data buffer causing incorrect writes 	<ul style="list-style-type: none"> Data corruption due to coupling from noisy signal lines eliminated

▶ **Product identification**

Infineon maintains traceability of product to wafer level, including wafer fabrication location, through the lot number marked on the package.

▶ **Impact of change**

Infineon recommends that customers take this opportunity to review these changes against current application notes, system design considerations and customer environment conditions to assess impact (if any) to their application. Samples are available on request.

▶ **Attachments**

Affected product list [2]

▶ **Intended start of delivery**

2022-05-30

If you have any questions, please do not hesitate to contact your local sales office.