



Final Product Change Notification

202103042F01 : KE1xZ Maskset Update to 2N36S for Design Fix and Errata

Note: This notice is NXP Company Proprietary.

Issue Date: May 14, 2021 **Effective date:** Aug 12, 2021

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Change Category

<input type="checkbox"/> Wafer Fab Process	<input type="checkbox"/> Assembly Process	<input checked="" type="checkbox"/> Product Marking	<input type="checkbox"/> Test Process	<input checked="" type="checkbox"/> Design
<input type="checkbox"/> Wafer Fab Materials	<input type="checkbox"/> Assembly Materials	<input type="checkbox"/> Mechanical Specification	<input type="checkbox"/> Test Equipment	<input checked="" type="checkbox"/> Errata
<input type="checkbox"/> Wafer Fab Location	<input type="checkbox"/> Assembly Location	<input type="checkbox"/> Packing/Shipping/Labeling	<input type="checkbox"/> Test Location	<input type="checkbox"/> Electrical spec./Test coverage
<input type="checkbox"/> Firmware	<input checked="" type="checkbox"/> Other: Datasheet			

PCN Overview

Description

NXP Semiconductors is announcing a new version of silicon for the KE1xZ. The new silicon mask revision is 2N36S. 2N36S mask set fixed 1N36S errata ERR050170: GPIO glitch possible during power up and power down.

Release Mask Set Errata for Mask 2N36S (Kinetis_E_2N36S, Rev. 06Apr2021)

Update datasheet: Added errata for Mask 2N36S, in the "Related Resources" table of cover page.

The updated KE1xZ(2N36S) Datasheet/Errata can be found at below link after FPCN is effective:
https://www.nxp.com/products/processors-and-microcontrollers/arm-microcontrollers/general-purpose-mcus/ke-series-cortex-m4-m0-plus/up-to-72mhz-5v-main-stream-cm0-plus-mcu-with-nxp-touch-tsi-and-can-control:KE1xZ?fpsp=1&tab=Documentation_Tab

Reason

The release of KE1xZ new maskset 2N36S to fix errata ERR050170.

The datasheet and errata have been updated/added to correct errors and / or provide additional technical clarification on some device features.

Identification of Affected Products

Top Side Marking

The mask set marking on the package will change from 1N36S to 2N36S.

Product Availability

Sample Information

Samples are available upon request

Production

Planned first shipment Jul 19, 2021

Anticipated Impact on Form, Fit, Function, Reliability or Quality

No Impact on form, fit, function, reliability or quality

Data Sheet Revision

A new datasheet will be issued

Disposition of Old Products

Existing inventory will be shipped until depleted

Timing and Logistics

In compliance with JEDEC J-STD-046, your acknowledgement of this change is expected by Jun 13, 2021.

Contact and Support

For all inquiries regarding the ePCN tool application or access issues, please contact NXP "Global Quality Support Team".

For all Quality Notification content inquiries, please contact your local NXP Sales Support team.

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NXP Quality Management Team.

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Affected OPN	12NC
MKE14Z128VLH7	935312819557
MKE14Z128VLL7	935313038557
MKE14Z256VLH7R	935315898528
MKE14Z256VLH7	935315898557
MKE14Z256VLL7	935318532557
MKE15Z128VLH7	935316064557
MKE15Z128VLL7	935325987557
MKE15Z256VLH7R	935324968528
MKE15Z256VLH7	935324968557
MKE15Z256VLL7	935322432557