

Date of Notification	Change	Part Numbers Affected
August 18, 2014	<input type="checkbox"/> Major <input checked="" type="checkbox"/> Minor	A2, A2K, A2T, HD25A

#### Notification

<input type="checkbox"/> Product Obsolescence	<input type="checkbox"/> Product Marking	<input type="checkbox"/> Process Change	<input type="checkbox"/> Design Change
<input type="checkbox"/> Material Change	<input type="checkbox"/> Specification Change	<input checked="" type="checkbox"/> Component Change	<input type="checkbox"/> Other

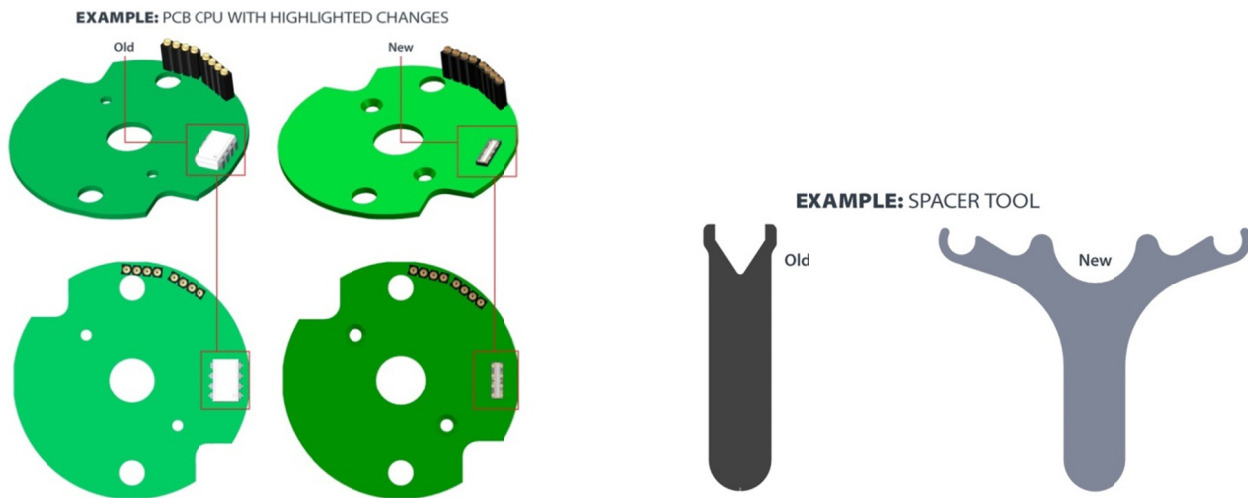
#### Notification Description (Including Extent, Purpose / Reason, and Effect on Form, Fit and Function)

As part of our ongoing continuous improvement efforts US Digital is implementing the following changes to our A2 and HD25A product lines.

**Description and Extent of Change:** We have improved the design by utilizing surface mount devices for the detector and LED, previously these were through hole devices. This change is transparent with the exception of minor cosmetic differences for the A2 kit style encoder, and Spacer Tool used in kit assembly process. The changes are demonstrated in the images below.

**Reason for the change:** The current detector is at EOL as well as to improve robustness and reliability by utilizing SMT devices.

**Effect of Change on Fit, Form, Function, Quality, or Reliability:** The changes made have no effect on fit, form or function and both Products continue to meet all published performance parameters. Quality and reliability assessment have been completed with the product qualification meet US Digital's reliability requirements. A comprehensive qualification report is available upon request.



If you have any questions or concerns about this PCN, please contact US Digital Customer Support at 1-800-736-0194 or email [sales@usdigital.com](mailto:sales@usdigital.com).



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# Product Change Notification

PCN-4537-A2-HD25A

USD-4537

## Alternate Parts (as applicable)

N/A

## Effective Date (Including Last Time Buy Date and Conditions, as applicable)

Date of last order acceptance: October 1st, 2014 or until existing inventory of the components listed above is depleted.  
Date for last shipments: December 1st, 2014 (All purchase orders are non-cancelable and non-returnable). All orders after the stock is depleted will have the new components as described in this PCN.

\*US Digital's Customer Communication of Product/Process Changes complies with the basic commercial practice quality requirements, under the JEDEC standard.