

Product / Process Change Notice

PCN No.: Q000-PCN-PA201409-01

Date: 2014-09-16.

Change Title: Change the width of package carrier tape from 16 mm to 12mm for TSSOP 14L package product.

Change Classification: Major Minor

Change item: Design Raw Material Wafer FAB Package Assembly Testing Others: _____.

Affected Product(s) :

The affected part is NAU8220WG.

Description of Change(s) :

Change the width of package carrier tape from 16 mm to 12mm for TSSOP 14L package product, no change to carrier tape material, no effect on IC's physical dimensions and electrical performance.

Reason for Change(s) :

Uniform the width of package carrier tape.

Impact of Change(s) : (positive & negative)

Form: Different in dimensions of carrier tape, please refer to Fig.1 for comparison.

Fit: No change.

Function: No concern.

Reliability : No concern

Qualification Plan/ Results :

No concern.

Implementation Plan :

Date Code: _____ onward Lot No.: _____ onward Implemented date: Nov. 07, 2014 (scheduled)

Originator:

HYLai / Q100

Approval:(QRA Director)

C.C. Chen/ Q000

Contact for Questions & Concerns

Name: HYLai TEL: 886-3-5770066 (ext. 1226) FAX: 886-3-5792673.

Address: No.4, Creation Rd. III Science-Based Industrial Park Hsinchu, Taiwan, R.O.C. .

E-mail: hylai0@nuvoton.com.

Customer Comments:

Note: Please sign this notice, and return to Nuvoton contact within **30** days. If no response is received within **30** days, this Change Request will be assumed to meet your approval.

| | | |
|-----------------------------------|--------------------------------------|---|
| <input type="checkbox"/> Approval | <input type="checkbox"/> Disapproval | <input type="checkbox"/> Conditional Approval: _____. |
| Date: _____ | Dept. name: _____ | Person in charge: _____. |

Follow-up and Tracing:

A. copies to

FAB: Integration _____ _____ _____ _____.

Test / Product: _____ _____ _____ _____.

Design/ Marketing: _____ _____ _____ _____.

Production control/ Others: _____ _____ _____ _____.

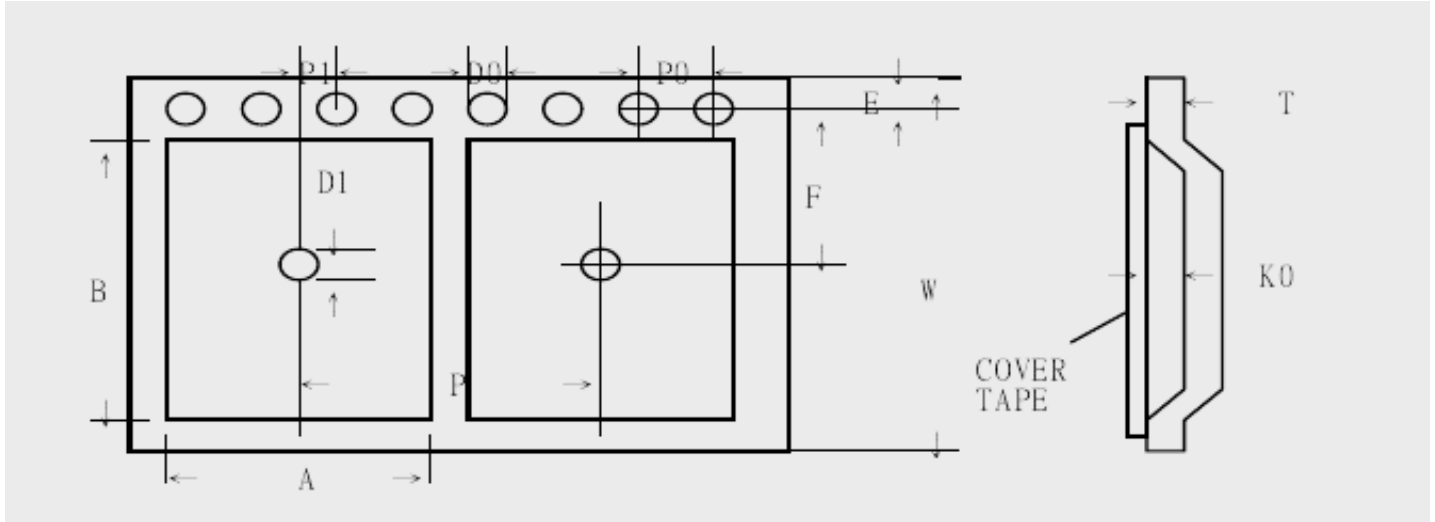
B. Changes:

1. Document / Test program:

| Document No/ test program | Document name/ test program name | version | | responsibor | Completed date | Remark |
|---------------------------|----------------------------------|---------|-------|-------------|----------------|--------|
| | | before | after | | | |
| NA | NA | NA | NA | NA | NA | NA |

Verified by: _____.

Fig. 1 The comparison of carrier tape dimensions



| | A | B | Ko | D0 | E | F | P | P0 | P1 | W | T |
|--------|---------|---------|---------|------------|----------|----------|----------|----------|----------|----------|-----------|
| After | 6.8±0.1 | 5.4±0.1 | 1.5±0.1 | 1.5+0.1/-0 | 1.75±0.1 | 5.5±0.05 | 8.0±0.10 | 4.0±0.10 | 2.0±0.05 | 12.0±0.3 | 0.25±0.05 |
| Before | 6.8±0.1 | 5.4±0.1 | 1.5±0.1 | 1.5+0.1/-0 | 1.75±0.1 | 7.5±0.10 | 8.0±0.10 | 4.0±0.10 | 2.0±0.10 | 16.0±0.3 | 0.30±0.05 |