



Date Created: 4/11/2004
Date Issued: 5/2/2004
PCN # 20041502

INFORMATION ONLY NOTIFICATION

This is to inform you that a minor change is being made to the following product(s). This notification is for your information only.

Updated process quality documentation, such as FMEAs and Control Plans, are available for viewing upon request.

If you have any questions concerning this change, please contact:

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PCN Type: Tape and Reel Sub-contractor

Effectivity

Expected 1st Device Shipment Date: 5/12/2004
Earliest Year/Work Week of Changed Product: 0418
(Note: Package marking may differ from this format)

Product ID (Description):

The change shall cover all SDIP devices built and tested in Fairchild subcontractor, in tape and reel options. Old Carrier tape will be depleted prior to the use of the new carrier tape.

Description of Change:

To improve the packing quality of SDIP products, a redesign of the carrier tape will be made to adopt the pedestal type pocket. This will prevent the contact of the leads to the carrier tape walls when units are subjected to vibration or excessive movements during transport or handling. See illustration below:

SDIP units' leads penetrate through the pocket wall of carrier. The illustration drawing as follows:

Fig 1. Shows the normal taping status and Fig 2. Shows the Device leads pierced through carrier walls during movement.

Fig 1. Normal taping status

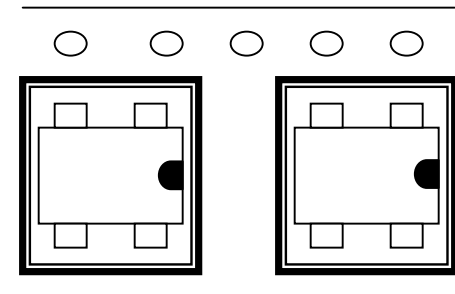
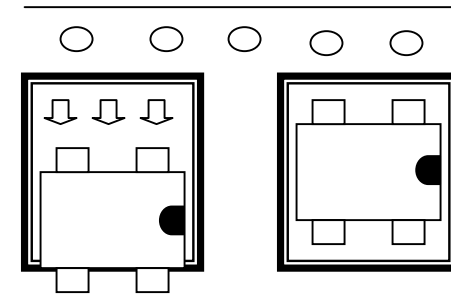
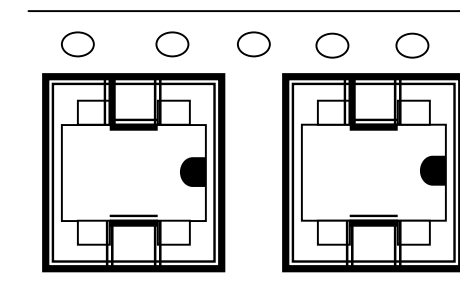


Fig 2. Leads pierced through carrier
VS Normal taping status



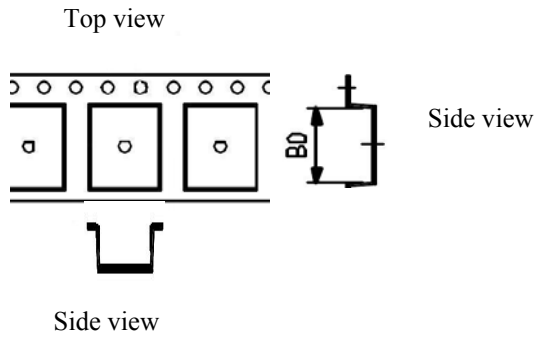
To prevent damage on the pocket wall as a result of a vibration of the units, a redesign of carrier's structure (Fig. 3) will be made. This will reduce device vibration and prevent leads from piercing through carrier walls.

Fig 3. Redesign carrier structure

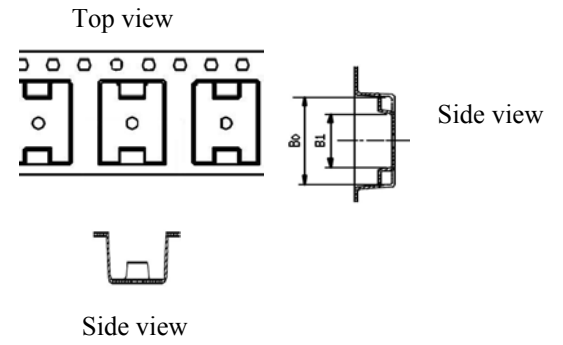


SDIP carrier below shows the existing structure vs the new structure with the pedestal in the pocket”hanges show as below and will be sunning change while current carrier is out of stock. Expecting around end of April.

EXISTING STRUCTURE



NEW STRUCTURE



Affected FSIDs

DF005S
DF04S
DF10S

DF01S
DF06S

DF02S
DF08S