KNOWN PROBLEM REPORT

Date: 24 Dec. 2004

TO	All		
ATTENTION	All	REF.	
PRODUCT MODEL	PCM-5820	REV.	
PRODUCT NAME	Biscuit CPU Board		
SERIAL NUMBER			

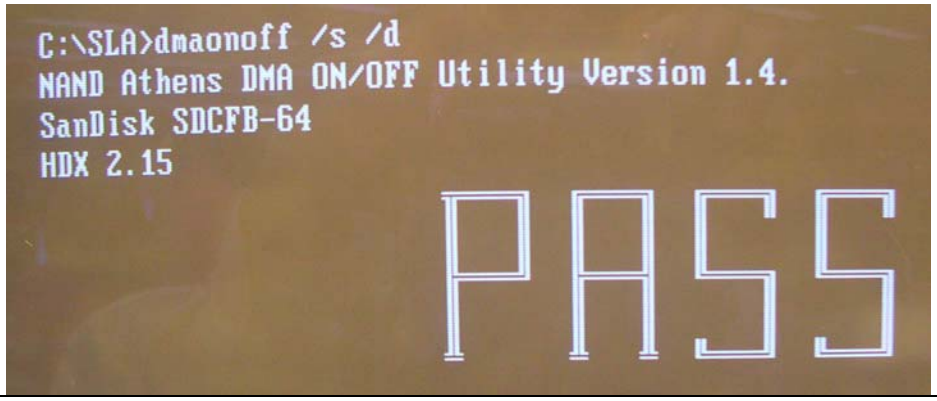
PROBLEM DESCRIPTION

There is a compatible issue of SanDisk Compact Flash card (Version ID: V2.01, which supports DMA mode) with PCM-5820. However, this problem is not seen in version ID: V1.01. If a user is using PCM-5820 with SanDisk Compact Flash card, system hangs when entering Operation System (Win CE & XPE) with DMA function enabled.

SOLUTION

1. In order to avoid this kind of problem happening again. It is necessary to use the software named “NAND Athens DMA ON/OFF Utility Version 1.4” (please see the attached zip file) to disable DMA function of SanDisk Compact Flash card.

2. Detailed procedures are as follows.
   A. Extract the zip file to the target Compact Flash card.
   B. Execute “dmaonoff /s /d” and press enter. (/s: select Secondary IO Mode; /d: disable Athens DMA. More information please refer “dmaonoff /?” to understand.)
   C. The “PASS” can be seen and that means DMA function has been disabled.



UPGRADE POLICY

Attachments: AdvantechTools.ZIP