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De: Alexandre Apcher

Date: jeu. 07/10/2010 14:07

?: Patrice Delpy

Cc:

Objet : FW: Seagate: NCP6334 Status

PiDces jointes :

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Patrice,

Y a le feu sur ce produit va falloir que tu nous donnes un coup de main pendant qqes jours.

Passes me voir pour voir comment on s'organise

Alex

From: Bertrand Clou

Sent: Thursday, October 07, 2010 12:46 AM

To: Vincent Teil; Alexandre Apcher; Henrique Fernandes; Olivier Causse

Subject: FW: Seagate: NCP6334 Status

Ça pousse de tous les côtés pour dire sur les pilotes run de Seagate ; pour cela idéallement il fallait taper cette semaine J

Mais ne nous laissons pas perturber n par contre il faut continuer à faire de notre mieux, et veiller à sécuriser :

- les actions identifiées en design reviews (si besoin d'aide merci de me le dire)
- les points encore ouverts (idem si besoin d'aide au labo, on a toutes les priorités)
- le layout : Alex merci de voir si en ajoutant encore des ressources tu peux gagner du temps.

A demain

Bertrand

From: Bertrand Clou
Sent: Thursday, October 07, 2010 12:30 AM
To: Simon Keeton; M.Theresa Capron
Cc: Eric Joseph
Subject: RE: Seagate: NCP6334 Status

Simon,

There are several actions to complete and which would require still about two weeks before tape out:

- We only got the 1.1 COB samples on Monday this week, and there was a critical point to check: OHWEN cycling issue. Unfortunately this issue is still present so we have to debug, find a fix and validate it.
- Also some experiments and failure analysis to understand what mechanism is causing some parts damage have just been completed. They were conditioning the final design implementation for power devices & drivers and therefore conditioning as well the final layout floor-plan. Means layout of several blocks are still on going, but we put all priorities on this effort.
- There are on going measurements to understand also why the current limit function is limiting output current capability < 2A at low temperature.
- Some blocks re-designed to accommodate the new Oadjustable feature or to fix the Automatic mode switch over point issue have not been validated yet with post-layout simulations, and they have to be, as they are very critical and sensitive to any parasitic.
- ESD changes to accommodate new pinout and functionalities (adjustable internal or external, Power Good/Mode) have not been reviewed yet. Note, we have understood this week why efficiency at high Vin was degraded, and this was finally related to some ESD protections.

We really understand the importance of catching such opportunity, be sure we are doing our best to tape out as soon as possible, but there are actions we cannot bypass without taking the risk to compromise the final performance of the product.

Regards,

Bertrand

From: Simon Keeton
Sent: Wednesday, October 06, 2010 6:31 PM

To: M.Therease Capron; Bertrand Clou
Subject: FW: Seagate: NCP6334 Status

Whatœs the latest for the tapeout and sample date? As we all know, this is a great o pportunity and Iœll be pushing on sales to keep the door open for us, but we have to hit the ta rget date.

Tx-S

From: Karl Hill
Sent: Wednesday, October 06, 2010 9:22 AM
To: Simon Keeton
Cc: Mike Kenyon
Subject: Seagate: NCP6334 Status

Hi Simon:

Mike Kenyon noted that one of action items from Tonyœs staff is to hold the socket f or the NCO6334 open at Seagate. I wanted to update you that the Field team has done this and we your help to insure that the BU delivers 1st samples at the end of November. Marie and Christel are aware of this sample request.

Best Regards,

Karl Hill

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Global Account Manager

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