



Date: August 1, 2006

To whom it may concern,

Due to the size and layout of the device, LMX5453 Adapter Module, regarding the label location, we couldn't find a better place for the FCC/IC label rather than the location we have indicated in the label document.

We, National Semiconductor, understand your concern, and hereby declare that we acknowledge the FCC/IC grant will be issued for LMX5453 Adapter Module, not LMX5453 Micro-module.

If you have any other concerns or questions, please do not hesitate to contact us.

Sincerely,

Peter Zhang

A handwritten signature in blue ink, appearing to read 'Peter Zhang', written over a light blue rectangular background.

Klaus Knoerig

Von: "Klaus Knoerig" <kknoerig@emcc.de>
An: "Diana Eberhard"
Cc: <p.littlewood@emcc.de>; "Gordon Hurst"
Gesendet: Freitag, 28. Juli 2006 15:21
Betreff: Re: National Semiconductor LMX5453 USB Adapter module

Hello Diana

Thank you for sending the updated material. There are still some concerns from our side:

1. User Manual

The user guide describes the LMX5453 Micro-module. However, the device that is going to be certified is the USB dongle (including PCB, crystal, antenna and supporting components) as shown in the schematics. The application must clearly point this out. The user guide contains instructions on how to add crystal and antenna. This is not required for approval of the dongle. Please submit a user guide for the complete dongle, not a guide on how to assemble a dongle using the LMX5453 Micro-module.

2. Please update the Request for Modular Approval letter

2.1 Item 1 must be changed based on the FCC's interpretation, i.e. the device does not meet the definition of shielding in FCC DA 00-1407 and therefore the application is for Limited Modular Approval.

2.2 Reference should be made to the complete USB dongle in all items not just the LMX5453 Micro-module.

2.3 The RF exposure requirements are defined in 15.247(i). Please update item 8.

3. FCC and IC labelling declaration

We would like to emphasize again that the FCC ID number relates to the complete USB dongle, including PCB, crystal, antenna and supporting components as specified in the submitted schematics. Attaching the label to the LMX5453 Micro-module may lead to the interpretation that only the LMX5453 chip is certified, which is not the case. When selling the LMX5453 Micro-module alone, it will not be allowed to affix the FCC ID number. Therefore we suggest to choose another label location.

Best regards,
Klaus Knoerig

EMCCert DR. RASEK GmbH
- Certification Institute -
Boelwiese 5
91320 Ebermannstadt
Germany
Tel.: +49-9194-9016
Fax: +49-9194-8125
[Mailto:kknoerig@emcc.de](mailto:kknoerig@emcc.de)
URL: <http://www.emcc.de>

Der Inhalt dieser E-Mail ist für den Absender rechtlich nicht verbindlich. Informieren Sie uns bitte, wenn Sie diese E-Mail faelschlicherweise erhalten haben (Fax: +49-9194-8125). Bitte loeschen Sie in diesem Falle die Nachricht. Jede Form der weiteren Benutzung ist untersagt.

The content of this e-mail is not legally binding upon the sender. If this e-mail was transmitted to you by error, please inform us accordingly (Fax: +49-9194-8125). In such case you are requested to erase the message. Any use of such e-mail is strictly prohibited.