



WLAN Driver

APPLICATION NOTE

Revision 1.0
August 29, 2006

VIA TECHNOLOGIES, INC.

Copyright Notice:

Copyright © 2006, VIA Technologies, Incorporated. All Rights Reserved.

No part of this document may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language, in any form or by any means, electronic, mechanical, magnetic, optical, chemical, manual or otherwise without the prior written permission of VIA Technologies, Incorporated.

VNT6656GEV00 may only be used to identify WLAN products of VIA Technologies, Inc.



is a registered trademark of VIA Technologies, Incorporated.

All trademarks are the properties of their respective owners.

Disclaimer Notice:

No license is granted, implied or otherwise, under any patent or patent rights of VIA Technologies Inc. VIA Technologies Inc. makes no warranties, implied or otherwise, in regard to this document and to the products described in this document. The information provided by this document is believed to be accurate and reliable as of the publication date of this document. However, VIA Technologies Inc. assumes no responsibility for any errors in this document. Furthermore, VIA Technologies Inc. assumes no responsibility for the use or misuse of the information in this document and for any patent infringements that may arise from the use of this document. The information and product specifications within this document are subject to change at any time, without notice and without obligation to notify any person of such change.

Offices:

USA Office:

940 Mission Court
Fremont, CA 94539
USA
Tel: (510) 683-3300
Fax: (510) 683-3301 or (510) 687-4654
Web: www.vntek.com

Taipei Office:

8th Floor, No. 533
Chung-Cheng Road, Hsin-Tien
Taipei, Taiwan ROC
Tel: (886-2) 2218-2078
Fax: (886-2) 2219-8461
Web: www.vntek.com.tw

Revision History

Release	Date	Revision	Initials
1.0	2006-08-29	Initial release.	RTW

Table of Contents

1.	Purpose	1
2.	Phenomenon Description #1	2
3.	Analysis #1	3

1. Purpose

This application note is used as for the notification of the VIA WLAN driver limitation of the LED support on some target NB product lines.

2. Phenomenon Description #1

During the cold, warm boot, or resume from S4 to S3, the WLAN status LED of the target platform will be “ON” for a while. After the target platform boot up complete, the WLAN status LED will be active normally.

3. Analysis #1

The root cause is caused by the LED behavior in controlled by WLAN driver. During the system boot up period, the WLAN driver is not initialized well, so the LED behavior will be abnormal. But the LED behavior will be normal after the boot up procedure is completed.