

# AS5163

## 12 bit Magnetic Rotary Encoder

### Errata Sheet

This Errata Sheet is valid for AS5163 integrated circuits having the following date code(s):

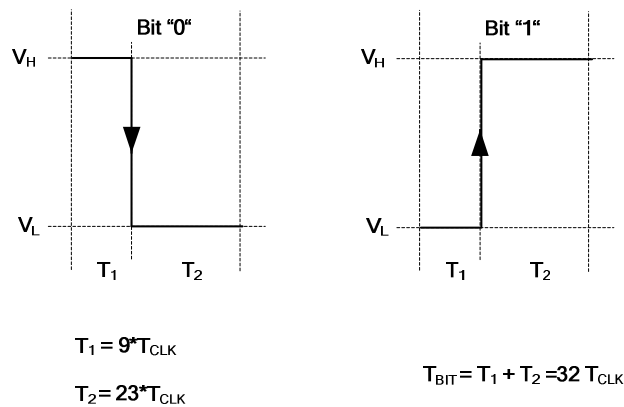
A844MZT

All parameters are according to the AS5163 data sheet, rev.2.1 (and following), except for the parameter(s) and function(s) shown below:

## 1 Descriptions

### 1.1 Timings in the communication mode (programming)

These sample uses a faster communication speed for read/write commands and programming. T<sub>BIT</sub> is 16 times faster.



### 1.2 Readout of the AGC value

The register AGC\_VALUE(7:0) is not able to access using a read command.

### 1.3 Watch Dog Diagnostic

The watchdog function for the OSC is not implemented.

### 1.4 Unblock Sequence

The unblock sequence is not implemented.

## 2 Copyrights

Copyright © 2009, austriamicrosystems AG, Schloss Premstaetten, 8141 Unterpremstaetten, Austria-Europe. Trademarks Registered ®. All rights reserved. The material herein may not be reproduced, adapted, merged, translated, stored, or used without the prior written consent of the copyright owner.

All products and companies mentioned are trademarks or registered trademarks of their respective companies.

## 3 Disclaimer

Devices sold by austriamicrosystems AG are covered by the warranty and patent indemnification provisions appearing in its Term of Sale. austriamicrosystems AG makes no warranty, express, statutory, implied, or by description regarding the information set forth herein or regarding the freedom of the described devices from patent infringement. austriamicrosystems AG reserves the right to change specifications and prices at any time and without notice. Therefore, prior to designing this product into a system, it is necessary to check with austriamicrosystems AG for current information. This product is intended for use in normal commercial applications. Applications requiring extended temperature range, unusual environmental requirements, or high reliability applications, such as military, medical life-support or lifesustaining equipment are specifically not recommended without additional processing by austriamicrosystems AG for each application.

The information furnished here by austriamicrosystems AG is believed to be correct and accurate. However, austriamicrosystems AG shall not be liable to recipient or any third party for any damages, including but not limited to personal injury, property damage, loss of profits, loss of use, interruption of business or indirect, special, incidental or consequential damages, of any kind, in connection with or arising out of the furnishing, performance or use of the technical data herein. No obligation or liability to recipient or any third party shall arise or flow out of austriamicrosystems AG rendering of technical or other services.

