

CERTIFICATE



PREI 070902 P0002 C02

exida Certification S.A. hereby confirms that the

Functional Safety Management System of PR electronics AS

Rønne, Denmark

Has been assessed per the relevant requirements of

IEC 61508

Parts 1 - 7, and meets the requirements providing a level of integrity to

Systematic Integrity : SIL 2 Capable

Scope

The scope of this certification is defined by IEC 61508 part 1 - 3 phase 9 of the Overall Safety Lifecycle including the realisation for E/E/PE Safety Related Systems and Safety Related Software. A documented audit of the Functional Safety Management System confirmed the compliance with the relevant requirements.

Restrictions

This FSM certificate does not replace a certificate of any E/E/PE-Safety Related System developed by PR electronics AS.



Assessor



Certifying Assessor

Date: 28 November 2008

exida Certification SA, Nyon, Switzerland



Systematic Integrity: SIL 2 Capable

SIL 2 Capability

The Functional Safety Management system has met the requirements of Safety Integrity Level (SIL) 2. These are intended to achieve sufficient integrity against systematic errors of design by the manufacturer.

The following IEC 61508 objectives were subject to detailed auditing at PR electronics:

- FSM planning, including:
 - Safety Life Cycle definition
 - Scope of the FSM activities
 - Documentation
 - Activities and Responsibilities (Training and competence)
 - Configuration management
 - Tools and languages
- Safety Requirement Specification
- Change and modification management
- Software architecture design process, techniques and documentation
- Hardware architecture design - process, techniques and documentation
- Hardware and system related V&V activities including documentation, verification
 - Integration and fault insertion test strategy
- Software and system related V&V activities including documentation, verification
- System Validation including hardware and software validation
- Hardware-related operation, installation and maintenance requirements

The following documents are mandatory parts this certificate:

PR electronics 0709-02-C R004 V1R1 Assessment

The holder of this certificate
may use this mark.