



## JX3-COM-EIPA

Hardware revision update from rev. 00.01 to rev. 00.02  
Boot loader version update from v. 9.01.0.00 to v. 9.05.0.00  
OS version update from v. 1.03.0.00 to v. 1.05.0.00

## Introduction

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Due to a new hardware revision 00.02 of the JX3-COM-EIPA, an enhanced boot loader version 9.05.0.00 and an enhanced OS version 1.05.0.00 will be needed.

Version 1.01

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# 1 Introduction

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## Overview

**HW revision 00.02**

**BL version 9.05.0.00**

**OS version 1.05.0.00**

The following table gives an overview of newly added or enhanced features and fixed software bugs:

Description	New	Enhanced	Fixed
New hardware revision 00.02	✓		
Enhanced boot loader version 9.05.0.00 for the new hardware revision 00.02		✓	
Enhanced OS version 1.05.0.00 for the new hardware revision 00.02		✓	

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## 2 Changes

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### 2.1 New hardware revision 00.02

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**Compatibility** Hardware revision 00.02 is completely compatible with the previous hardware revision 00.01.

Hardware revision 00.01 needs at least

- min. boot loader version 9.01.0.00
- min. OS version 1.02.0.00

Hardware revision 00.02 needs at least

- min. boot loader version 9.01.0.00
  - min. OS version 1.05.0.00
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### 2.2 Enhanced boot loader version 9.05.0.00

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**Compatibility** Boot loader version 9.05.0.00 is completely compatible with the previous boot loader version 9.01.0.00.

Boot loader version 9.05.0.00 is part of hardware revision 00.02.

**Registers**

There are two new registers:

EDS register array:

R 100823	OEM hardware revision
R 100824	OEM hardware-compatibility

Hardware revision 00.01:

R 100823	OEM hardware revision	7
R 100824	OEM hardware-compatibility	0

Hardware revision 00.02:

R 100823	OEM hardware revision	8
R 100824	OEM hardware-compatibility	0

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## 2.3 Enhanced OS version 1.05.0.00

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### Compatibility

Hardware revision 00.01:

OS version 1.05.0.00 is backward compatible with the previous OS version 1.03.0.00.

An OS upgrade from v. 1.03.0.00 to v. 1.05.0.00 is possible.

An OS upgrade from v. 1.05.0.00 to v. 1.03.0.00 is not possible.

Hardware revision 00.02:

OS version 1.05.0.00 is not compatible with the previous OS version 1.03.0.00.

Hardware revision 00.02 needs at least OS version 1.05.0.00.

An OS upgrade from v. 1.05.0.00 to v. 1.03.0.00 is not possible.

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### Registers

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EDS register array:

R 100823	OEM hardware revision
R 100824	OEM hardware-compatibility

Hardware revision 00.01:

R 100823	OEM hardware revision	7
R 100824	OEM hardware-compatibility	0

Hardware revision 00.02:

R 100823	OEM hardware revision	8
R 100824	OEM hardware-compatibility	0

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