

## Renesas RA Family

### EK-RA4M1

#### 1. Introduction

This document describes the known issues and exceptions to the functional specifications for the EK-RA4M1 Evaluation Kit. For additional information on the kit, see the EK-RA4M1 user's manual.

#### 2. Issues by Version

##### 2.1 Version 1

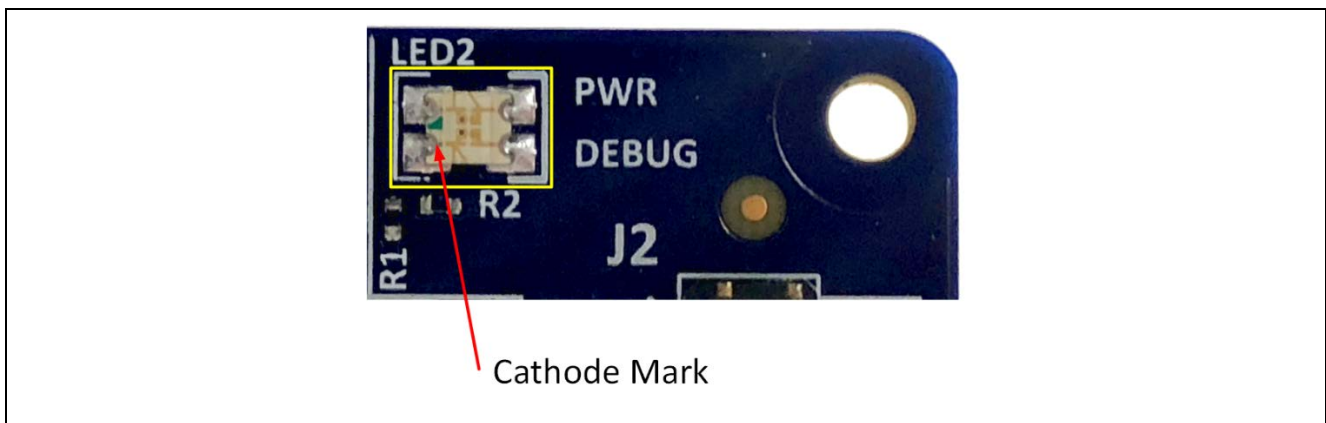
##### 2.1.1 LED2 (Power and debug status) installed incorrectly

**Versions affected:** version 1 (v1), serial numbers 001 through 800

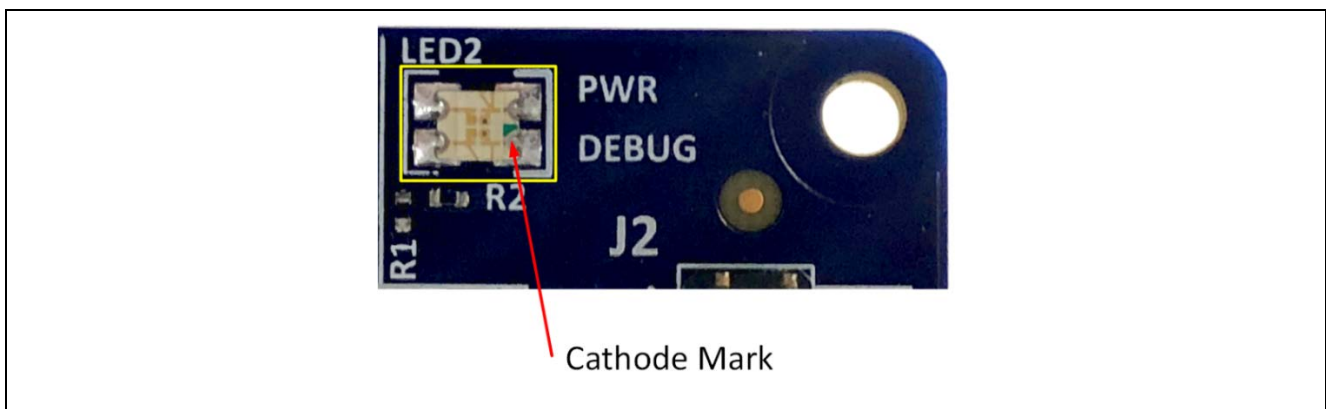
LED2 may be installed with reverse polarity. When installed incorrectly, LED2 will not turn on.

The kit is otherwise fully functional, but the kit may appear to not be on.

LED2 provides indicators for "Power Good" (green) and "Debug Port Status" (red) in one package.



**Figure 1. LED2 Incorrect Installation**



**Figure 2. LED2 Correct Installation**

#### Corrective Action

LED2 may be removed and reinstalled in the correct orientation. When reinstalling LED2, ensure that the green cathode mark on the top of LED2 points to the right, toward the "PWR" and "DEBUG" labels next to LED2. Refer to Figure 1 and Figure 2.

### Serial Number Identification

The serial number can be found in two locations.

The kit serial number is printed on the outside of the kit packaging. Locate the barcode label on the end of the box. The serial number is identified with the text “S. LOT xxxxxxxxx” found at the bottom of the label as shown in Figure 3.

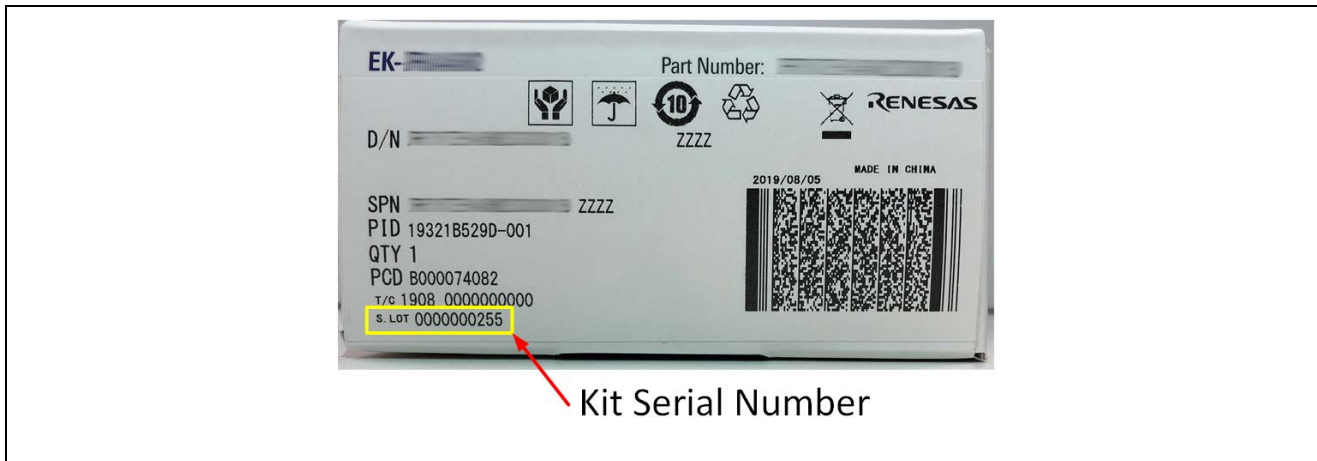


Figure 3. Serial Number on the Kit Box (typical label)

The serial number is also printed on the circuit board. Locate the manufacturing label on the bottom side of the board, near the main MCU. The serial number is the six-digit number in the third row of numbers as shown in Figure 4.

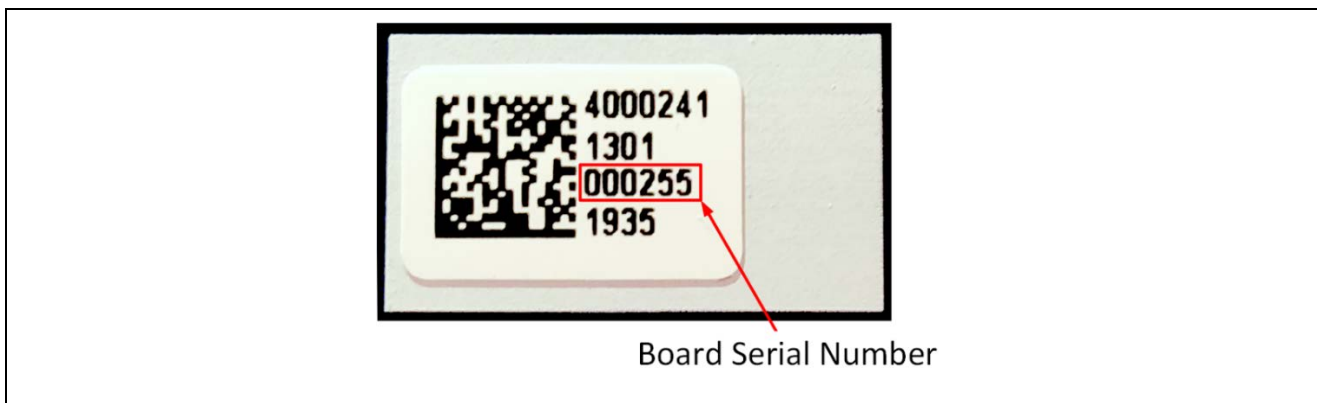


Figure 4. Serial Number on the Circuit Board



**Revision History**

Rev.	Date	Description	
		Page	Summary
1.00	Oct.02.19	-	First release
1.01	Oct.30.19	-	Second release