

**BMC 1.0.2**

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## **Release Notes**

Applies to Product Release: 01.00.02  
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## Document License

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## BMC 1.00.02

### 1 Overview

This document is the Release Notes for **Release 1.0.2** of the Board Management Controller (BMC) for the Keystone II EVM. This BMC software release controls hardware functionality of the evaluation platform.

### 2 Licensing

The tables below describe the primary license for the packages that make up the BMC.

**IMPORTANT:** There may be portions of these packages under other licenses and you should refer to the individual package **Software Manifest (after installation)** for complete and specific licensing.

#### Target Content

This is software that runs on the device. For the location, replace <ver> with the version that is part of the component name (e.g., 2.0.0.11, etc.).

Package	Primary License	Manifest Location
BMC	BSD	ks2evm-bmc/BMC_SoftwareManifest

### 3 Documentation

- [EVMK2H Hardware Setup](#): Provides basic information on the BMC, how to connect to the BMC console through UART, and how to perform an “in-field” update via UART.

### 4 Device Support

The device and platform supported with this release include:

- **TCI6638K2K EVM**: This release supports the TCI6638K2K EVM.

## 5 Technical Support and Product Updates

For technical discussions, issues, and product updates, please contact Advantech.

## 6 IS NOT

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## 7 Releases

### 7.1 Build 1.0.2.6

Component	Version	Installer
BMC	1.0.2.6	N/A

#### New Features:

- Fix to User Bootmodes and commission command.
- Add ARM SPI boot mode for external 10MHz clock input
- Add bmc\_tool to update UCD modules via BMC
- Add PCIE command

#### Issues Fixed:

id	Severity	Headline

#### Known Issues:

ID	Severity	Headline	Workaround (If applicable)

### 7.2 Previous Releases

#### 7.2.1 Build 1.0.2.5

Component	Version	Installer
BMC	1.0.2.5	N/A

#### New Features:

- User Bootmodes.
- SOC to LCD display over SOC UART0.

#### Issues Fixed:

id	Severity	Headline

**Known Issues:**

ID	Severity	Headline	Workaround (If applicable)

**7.2.2 Build 1.0.1.4**

Component	Version	Installer
BMC	1.0.1.4	N/A

**New Features:**

- 10 MHz clock configuration added to DIP switch combination 1001.
- Fix to the I2C command.

**Issues Fixed:**

id	Severity	Headline

**Known Issues:**

ID	Severity	Headline	Workaround (If applicable)

**7.2.3 Build 1.0.1.3a**

Component	Version	Installer
BMC	1.0.1.3a	N/A

**New Features:**

- Fix to DIP Switch orientation.

**Issues Fixed:**

id	Severity	Headline

**Known Issues:**

ID	Severity	Headline	Workaround (If applicable)

### 7.2.4 Build 1.0.1.3

Component	Version	Installer
BMC	1.0.1.3	N/A

**New Features:**

- In-Field updates.
- Improved Error Notification.

**Issues Fixed:**

id	Severity	Headline
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**Known Issues:**

ID	Severity	Headline	Workaround (If applicable)
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### 7.2.5 Build 1.0.1.2

Component	Version	Installer
BMC	1.0.1.2	N/A

**New Features:**

- Initial release.

**Issues Fixed:**

id	Severity	Headline
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**Known Issues:**

ID	Severity	Headline	Workaround (If applicable)
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