Title	**LST200** Firmware Release Notes	
Distribution	Development, Product Management, Service, Project Manager	
Author	Jaden-JinDing Liu	Date: 2020/07/31
Reviewer		
Approver		
Remarks		

Commented [JL1]: Product Name

Commented [JL2]: Shall be updated every time

Commented [JL3]: Shall be approved by **Design owner**

Contents

1. Introduction

This document is intended to describe the LST200 firmware release changes in detail.

2. Documents List

Document Number/Name	Description
MB_Bootloader_AABBCC_YYYYMMDD_CRC_HASH.bin	LST200 MB Bootloader
MB_Application_AABBCC_YYYYMMDD_CRC_HASH.bin	LST200 MB Application
3KXL065017G0013_AABBCC_YYYYMMDD_CRC.bin	LST200 MB Bootloader + Application
HMI_Bootloader_AABBCC_ YYYYMMDD_CRC_HASH.bin	LST200 HMI Bootloader
HMI_Application_AABBCC_ YYYYMMDD_CRC_HASH.bin	LST200 HMI Application
3KXL065017G0014_AABBCC_ YYYYMMDD_CRC.bin	LST200 HMI Bootloader + Application

3. Release History

> **Commented [JL4]:** Latest release be put in the first

❖ **2020-07-31 Release 02**

> **Commented [JL5]:** This is the virtual Sub part number. It shall be the same as the Revision in the document header.

▪ **Version Change Notification**

> **Commented [JL6]:** Describe the change of Subpart version, module version and Design version.

MB board	Comments
Subpart version	Update from 010000 to 010001
Module Version	Update from 010000 to 010001
Design Version: Bootloader	NA
Design Version: Application	Update from 010000 to 010001

HMI board	Comments
Subpart version	Update from 010000 to 010001
Module Version	Update from 010000 to 010001
Design Version: Bootloader	NA
Design Version: Application	Update from 010000 to 010001

▪ **Released Files:**

> **Commented [JL7]:** All the files shall be listed here every time.

File Name	Description
MB_Bootloader_010000_20200623_7C287484_f03f656.bin	MB Bootloader to on-line update
MB_Application_010001_20200731_7C287484_f03f656.bin	MB Application for on-line update
3KXL065020G0013_010001_20200731_F7933C6F.bin	For PCBA supplier to off-line programming MB
HMI_Bootloader_010000_20200623_7C287484_f03f656.bin	HMI Bootloader to on-line update
HMI_Application_010001_20200731_7C287484_f03f656.bin	HMI Application to on-line update
3KXL065020G0014_010001_20200731_F7933C6F.bin	For PCBA supplier to off-line programming HMI

- **Change Reason:**

  1) linked to ECN202009
  2) The level value will freeze and no indication output, if "echo lost" happens.

- **Firmware Changes:**

  1) MB Application: change the "echo signal lost" from "maintenance" to "failure"; change the default timer to raise "signal lost" from 30 seconds to 1 minute.
  2) HMI Application: add the support of negative value to be displayed.

❖ **2020-06-23 Release 01**

- **Version Change Notification**

  None.

- **Released Files:**

File Name	Description
MB_Bootloader-010000_20200623_7C287484_f03f656.bin	MB Bootloader to on-line update
MB_Application-010000_20200623_7C287484_f03f656.bin	MB Application to on-line update
3KXL065020G0013_010000_20200623_F7933C6F.bin	For PCBA supplier to off-line programming MB
HMI_Bootloader_010000_20200623_7C287484_f03f656.bin	HMI Bootloader to on-line update
HMI_Application_010000_20200623_7C287484_f03f656.bin	HMI Application to on-line update
3KXL065020G0014_010000_20200623_F7933C6F.bin	For PCBA supplier to off-line programming HMI

- **Firmware Changes:**

  Initial release.

4. Document Revision

Version	Description	Date
A	Initial version	2020-09-03
B	Update after review in firmware team: In chapter Release Files, all the files shall be listed.	2020-09-08

Commented [JL8]: Which ECN it linked to?
List the change source in the ECR.

Commented [JL9]: More detailed modifications in the source code

Commented [JL10]: List the change history of the release notes template.
Please remove this part at the final release notes.