



## Engineering Change Notice

NUMBER

ECN-1910-03

REV.

1.0

SHT

1 of 1

SUBJECT

Silicon Revision Change Notice (Chip Rev I)

PRODUCT NUMBER/NAME

PL-2305 Full-Speed USB to Printer Bridge Controller

EFFECTIVE SINCE

03/2011

### Contents of Notice

#### Scope and Purpose

This notice is to summarize the silicon revision change from chip version H to I.

#### Revision Change

➤ **Rev I :**

○ **Pin to Pin comparable with H Version :**

○ **Change List :**

- Change Process from 0.5um to 0.18um
- Fixed USB Serial Number descriptor value. The iSerialNumber field in device descriptor will respond correct value (03h) instead of null value (00h) when external Flash and contents are valid. This allows the USB serial number in external Flash to be detected by OS.
- Operation current and suspend current of PL2305I are smaller than PL-2305H. Please find the details in PL2305I datasheet.
  - Operation Current: 18mA(typ.)
  - Suspend Current: 450uA(typ.)
- Disable Remote Wakeup Function in ROM. Need EEPROM to enable.