**SUBJECT**

PL2303TA New Product Announcement

**PRODUCT NUMBER/NAME**

PL2303TA

USB to Serial Bridge Controller

**PCN TRACKING NUMBER**

PCN-PL2303TA-001

**RELEASE DATE**

December 15, 2011

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### Purpose of This Notice

Announcement of new PL2303TA chip.

### Reason for Change

Improve chip capabilities and added new features.

### Description of Change

1. Change to 0.18um Chip Manufacturing Process.
2. Supports USB-IF Logo Test Requirement (Dead Battery Test Procedure): Suspend Current (Powered-State) < 2.5mA
3. Supports USB Selective Suspend (Run-Time Power Management) without EEPROM. Chip suspends when idle and COM Port not OPEN.
4. Lower operating current (typical: 8mA) and suspend current (typical: 370uA). Refer to PL2303TA Datasheet.
5. Pin-to-Pin Compatible with PL-2303HX (Rev A) and PL-2303X (Rev A).

### Affected Part Numbers

- PL-2303HX (Rev A) will be **discontinued** and replaced by PL2303TA.
- PL-2303X (Rev A) will be **discontinued** and replaced by PL2303TA.
- PL-2303HX (Rev D) with internal crystal oscillator will still be available.

### Sample Availability Date

December 2011.

### Chip Identification

![Chip Image]

### Impact to Customers

PL2303TA is Pin-to-Pin Compatible with PL-2303HXA and PL-2303XA and only needs very minor PCB modification. Refer to PL2303TA Migration Guide Application Note.

### Contact Information

For more information, please contact Prolific:

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