

## **Product Change Notice for EKI-1526-BE and EKI-1528-BE**

### **End of Life, Last Time Buy and Replacement Announcement**

Dear Valued Customers:

For immediately release, Advantech is announcing the End of Life (EOL) of EKI-1526-BE/EKI-1528-BE/EKI-1526T-VDC-BE/EKI-1528T-VDC-BE. The relative replacing models are EKI-1526I-CE/EKI-1528I-CE/EKI-1526TI-VDC-CE/EKI-1528TI-VDC-CE. Customers who had purchased these Part Numbers either to purchase any additional rules or migrate to the new replacement models if possible before the EOL's shipment date.

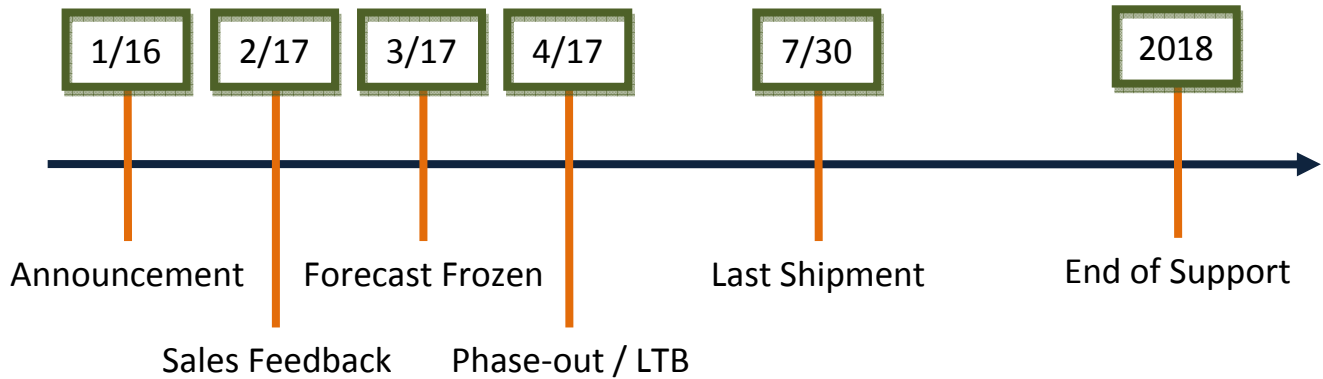
### **Product Part Numbers Affected by This Announcement**

<b>End of Life Product</b>	<b>Suggest Replacement Product</b>	<b>Sample Available Date</b>
EKI-1526-BE	EKI-1526I-CE	Jan. 10, 2017
EKI-1528-BE	EKI-1528I-CE	Jan. 10, 2017
EKI-1526T-VDC-BE	EKI-1526TI-VDC-CE	Jan. 10, 2017
EKI-1528T-VDC-BE	EKI-1528TI-VDC-CE	Jan. 10, 2017

### **Reason for the Change**

- Key component phase-out of Oxford local bus UART, replaced by EXAR's solution
- Change the original 3.3V component design to 5V component design which means we will have stronger serial data transmission power, higher signal level and stronger anti-disturbance ability.

## Key Milestones / Schedule Dates



Important Date	Description	Date
Announcement	Announcement of this document	2017/01/16
Sales Feedback	Sales feedback if customer has any problem to follow the schedule. It will be treated as special case	2017/02/17
Forecast Frozen	The forecast will be frozen for material preparation	2017/03/17
Phase-out	The product is officially phased out.	2017/04/17
LTB	Last time buy for customer order. After this date, no more order will be accepted.	2017/04/17
Last Shipment	Acceptable shipment date before LTB. The order with requesting DD after this date will not be accepted.	2017/07/30

## Comparison

### ● Hardware Differences

#### ➤ Change serial connector from RJ45 to DB9

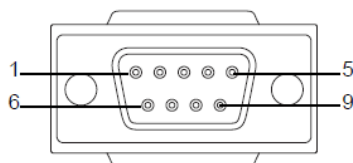


Figure 2.11 DB9 Pin Assignment

Pin	1	2	3	4	5	6	7	8	9
RS-232	DCD	RX	TX	DTR	GND	DSR	RTS	CTS	RI
RS-422	TX-		TX+		GND	RX+		RX-	
RS-485	DATA-			DATA+		GND			

#### ➤ Advanced Hardware Protection

HW Enhancement		EKI-1526-BE EKI-1526T-VDC-BE EKI-1528-BE EKI-1528T-VDC-BE	EKI-1526I-CE EKI-1526TI-VDC-CE EKI-1528I-CE EKI-1528TI-VDC-CE
Surge	Single line	Signal Port: Level 2 $\pm$ 1KV	Signal Port: Level 3 $\pm$ 2KV
	Power line to Earth	AC Power Port: Level 2 $\pm$ 1KV DC Power Port: Level 2 $\pm$ 1KV	AC Power Port: Level 3 $\pm$ 2KV DC Power Port: Level 3 $\pm$ 2KV
	Power line to Line	AC Power Port: Level 2 $\pm$ 0.5KV DC Power Port: Level 2 $\pm$ 0.5KV	AC Power Port: Level 3 $\pm$ 1KV DC Power Port: Level 3 $\pm$ 1KV
ESD	Contact	2KV	6 kV
	Air	4KV	8 kV
RS232- Output Signal Level		+6V	+6V
RS422/485- Output Signal Level		3.3V	+5V

#### ➤ All sku support Wide Temperature

### ● FW Differences

#### ➤ Implement the new driver code for new UART.

#### ➤ Bug fixed for previous filed issues.

#### ➤ Add IPv6 and Port Buffering Support

#### ➤ Move most configuration function to web interface only.

## ● Configuration Utility Differences

### ➤ Identification of revision in Utility

- New version of utility can support both models (Backward Compatible)
- VCOM behavior is the same

## Firmware Version Table

The firmware for new revision products is different from phase-out version because they're using different UART. The software code of driver is not backward compatible. The *EKI Device Configuration Utility* will help to identify the firmware between these two versions. Please make sure you're uploading the right firmware for your exactly product version.

Model Name	Firmware Version
EKI-1526I-CE/EKI-1526TI-VDC-CE	Start from V1.03
EKI-1528I-CE/EKI-1528TI-VDC-CE	Start from V1.03

## Device Configuration Utility Version Table

The *EKI Device Configuration Utility* will help to identify the exact part number of device. Please make sure you're using the right version of utility to configure the device.

Model Name	Utility Version
EKI-1526I-CE/EKI-1526TI-VDC-CE	Start from V2.02
EKI-1528I-CE/EKI-1528TI-VDC-CE	Start from V2.02

## Frequent Asked Question

**Q: Is there any compatibility issue while using existing and new revision version products in one application?**

A: They're compatible when using in the one application.

Due to the driver of UART is different, so the new revision product has the specific FW version for using. It means existing version product can't use the new FW for upgrade.

**Q: How the life cycle of new revision product?**

A: Actually, the chipset life cycle is longer we expected. Advantech can't promise the exactly life cycle for customer due to more component has owned plan for offering. Please be noted we will have the announcement and complete phase-out when we get the notice from vender as early as possible.

## Contact Windows

PM – Nisha Lin ext: 1582

AE – [ICG.Support@advantech.com.tw](mailto:ICG.Support@advantech.com.tw)