



PXA270-10 Card Engine End of Life Notification Important Notice

Logic PD // Products
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Revision History

REV	EDITOR	DESCRIPTION	APPROVAL	DATE
A	JCA	Initial release	KTL	01/11/11

1 Introduction

Logic PD is announcing the required migration of PXA270-10 Card Engine configurations to the PXA270-11 Card Engine configurations. This End of Life (EOL) notification serves as notice for dates of last time buy and last time ship. This discontinuance affects all model configurations of the SOM.

The tables below provide descriptions of the discontinued model numbers and the new model numbers. Please use these descriptions to determine which new model number most closely meets your application requirements.

1.1 Discontinued Model Numbers

Discontinued -10 Model Numbers	Description
CENGPXA270-312-10-560ECR	PXA270, 312 MHz, 64 MB SDRAM, 128 MB NAND flash, audio, touch, 0°C to +70°C (C-Temp)
CENGPXA270-416-10-560EIR	PXA270, 416 MHz, 64 MB SDRAM, 128 MB NAND flash, audio, touch, -40°C to +85°C (I-Temp)
CENGPXA270-416-10-560HIR	PXA270, 416 MHz, 64 MB SDRAM, 128 MB NAND flash, Ethernet, audio, touch, -40°C to +85°C (I-Temp)
CENGPXA270-520-10-504HCR	PXA270, 520 MHz, 64 MB SDRAM, 32 MB NOR flash, Ethernet, audio, touch, 0°C to +70°C (C-Temp)
CENGPXA270-520-10-560HCR	PXA270, 520 MHz, 64 MB SDRAM, 128 MB NAND flash, Ethernet, audio, touch, 0°C to +70°C (C-Temp)
CENGPXA270-520-10-602ECR	PXA270, 520 MHz, 128 MB SDRAM, 8 MB NOR flash, Ethernet, audio, touch, 0°C to +70°C (C-Temp)

1.2 New Model Numbers

New -11 Model Numbers	Description
CENGPXA270-416-11-505EXR	PXA270, 416 MHz, 64 MB SDRAM, 64 MB NOR flash, audio, touch, -25°C to +85°C (X-Temp)
CENGPXA270-416-11-505HXR	PXA270, 416 MHz, 64 MB SDRAM, 64 MB NOR flash, Ethernet, audio, touch, -25°C to +85°C (X-Temp)
CENGPXA270-520-11-504HCR	PXA270, 520 MHz, 64 MB SDRAM, 32 MB NOR flash, Ethernet, audio, touch, 0°C to +70°C (C-Temp)

2 Migration Overview

2.1 Audio CODEC, Touch Controller, ADC Inputs

The UCB1400 component that encompasses the audio CODEC, touch controller, and ADC inputs has been discontinued. The PXA270-11 Card Engine will use the Wolfson WM9715 as a replacement part.

2.2 Flash Memory

Due to frequent changes of the NAND flash die, the PXA270-11 Card Engine will not support NAND flash on standard configurations; all standard configurations will transition to NOR flash memory only. Standard configurations will provide 32 and 64 MB of NOR flash.

2.3 Temperature Range Restriction

Operation of the Wolfson WM9715 component is restricted to -25°C on the low end of the temperature range. Consequently, a full industrial temperature configuration is not possible. An extended temperature configuration with a range of -25°C to +85°C will be available.

2.4 Software Updates

Logic PD software—LogicLoader bootloader and Windows CE BSP—will be updated to address the audio CODEC and flash memory changes. LogicLoader will be available early March 2011; Windows CE BSP will be available late March 2011.

Any custom software used with the PXA270 Card Engine should be reviewed to determine if any updates will be necessary.

2.5 Product Change Notification

Specific details about these changes made between the PXA270-10 Card Engine and PXA270-11 Card Engine can be found in PCN 463. The *PXA270 Card Engine Product Change Notification* document can be downloaded from the Logic PD website:

<http://support.logicpd.com/downloads/832/>.

3 First Article Availability

First article quantities of the PXA270-11 Card Engine with LogicLoader will be available **early March 2011** to validate the new hardware in your design. A validated Windows CE BSP release will be available **late March 2011**.

4 Last Time Buy Date

Raw materials of the discontinued part are in short supply. As such, all orders will be filled on a first-come, first-served basis until the discontinued raw material inventory is depleted and cannot be sourced. After that time, no orders for PXA270-10 configurations can be accepted **even if this occurs before the last time buy date**. The last time buy date for all products will be **June 15, 2011**. The minimum order quantity (MOQ) is 25 units; the minimum delivery quantity is 25 units per shipment. All orders will be considered non-cancellable and non-returnable (NCNR).

5 Last Time Ship Date

The last time ship date for all products will be **December 15, 2011**.

6 Contact

For further information, please contact Logic PD sales: product.sales@logicpd.com