



# XA 16-Bit Microcontroller Family

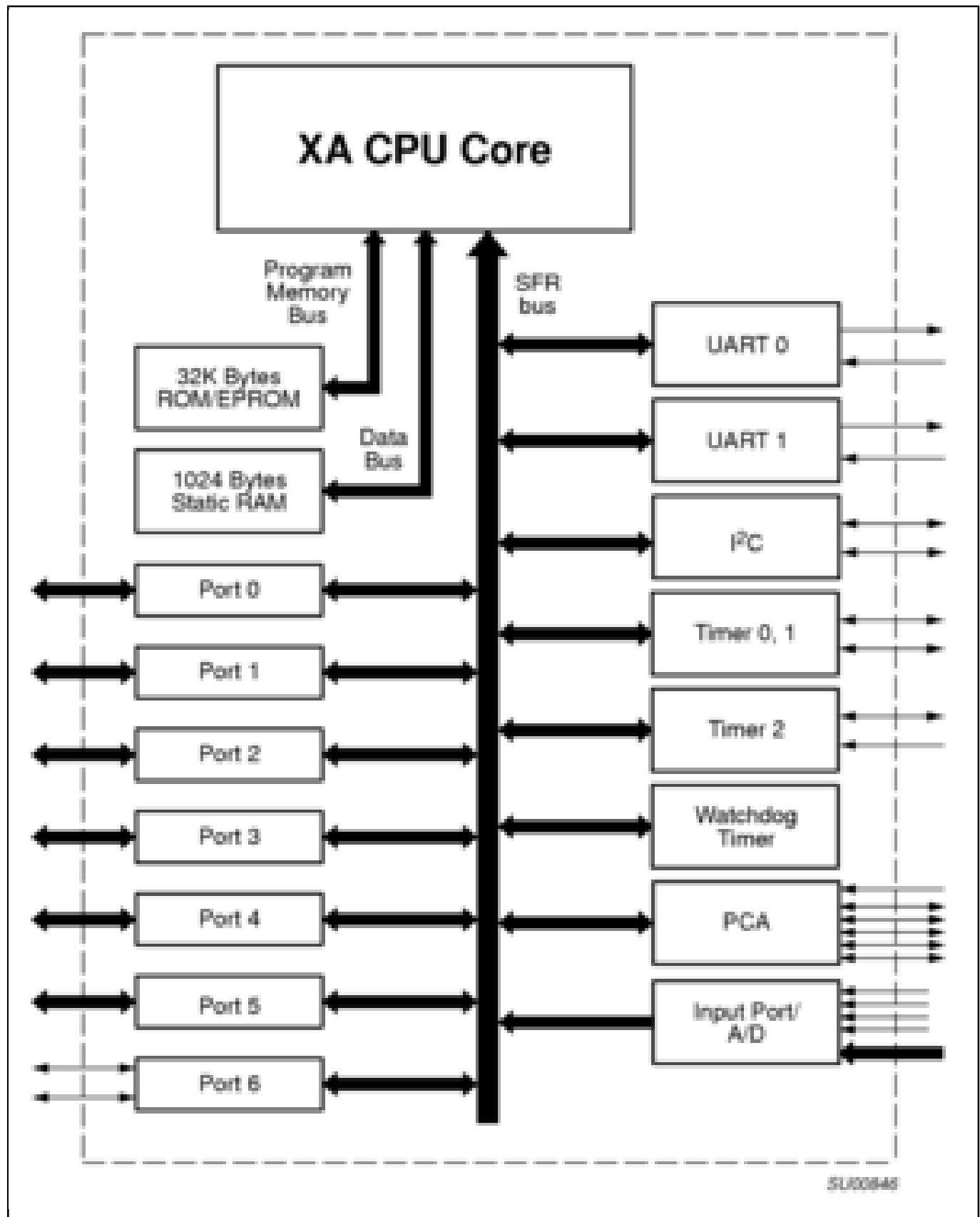
## PXAS37KBA

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The XA-S3 device is a member of NXP® Semiconductors' XA (eXtended Architecture) family of high performance 16-bit single-chip microcontrollers.

The XA-S3 device combines many powerful peripherals on one chip. With its high performance A/D converter, timers/counters, watchdog, Programmable Counter Array (PCA), I<sup>2</sup>C interface, dual UARTs, and multiple general purpose I/O ports, it is suited for general multipurpose high performance embedded control functions.

**Block diagram: PXAS30KBA, PXAS30KBBE, PXAS30KFA, PXAS37KBA, PXAS37KBBE**  
**Block Diagram**



View additional information for [XA 16-Bit Microcontroller Family](#).

**Note:** The information on this document is subject to change without notice.

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