

# Marvell 88SA8052 PATA to SATA Bridge

3Gb/s SATA, 150MB/s PATA

## PRODUCT OVERVIEW

The Marvell® 88SA8052 Parallel ATA (PATA) to Serial ATA (SATA) bridge can:

- a) Connect a SATA device to a PATA host, or
- b) Connect a PATA device to a SATA host

Thus the 88SA8052 is invaluable when there is a need to connect a newer device to an older system, or connecting an older device to a newer system.

The device supports up to 3Gb/s SATA and up to 150MB/s PATA, with full compliance to both standards.

## BLOCK DIAGRAM

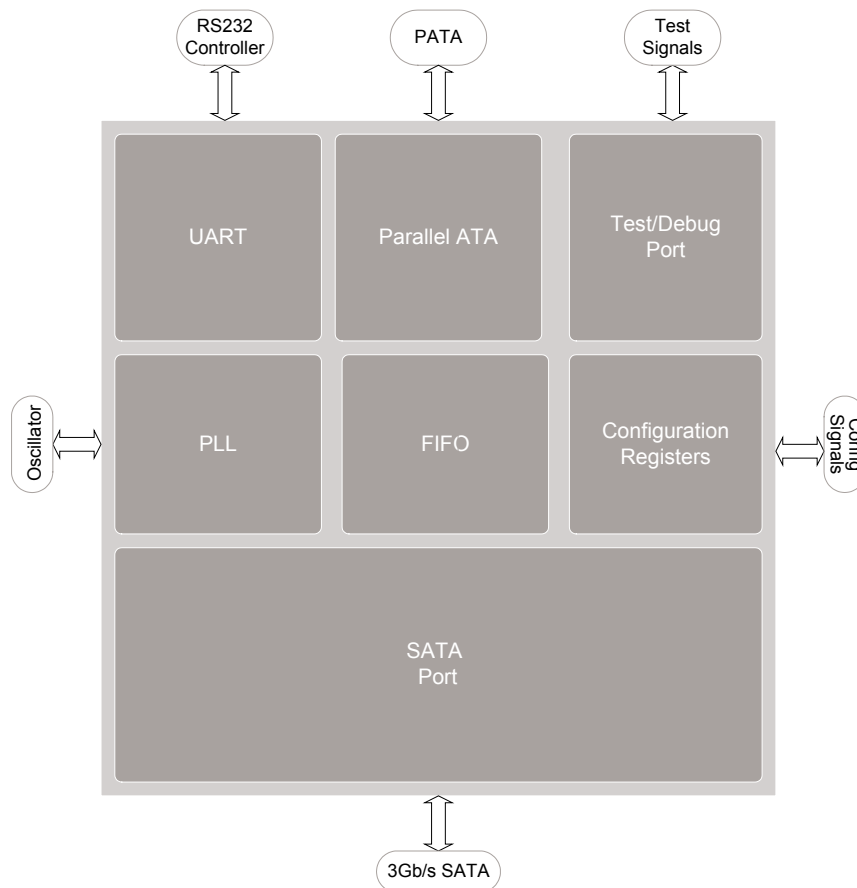


Fig 1. Marvell 88SA8052 PATA to SATA Bridge

## BENEFITS AND FEATURES

KEY BENEFITS	KEY FEATURES
<ul style="list-style-type: none"> <li>SATA Port</li> </ul>	<ul style="list-style-type: none"> <li>3Gb/s SATA</li> <li>SATA hot plug</li> <li>SATA 2.6 compatible</li> </ul>
<ul style="list-style-type: none"> <li>PATA Port</li> </ul>	<ul style="list-style-type: none"> <li>ATA/ATAPI Ultra DMA mode to 150MB/s</li> <li>ATA/ATAPI PIO</li> <li>ATA/ATAPI-7 streaming mode</li> </ul>
<ul style="list-style-type: none"> <li>Test/Debug</li> </ul>	<ul style="list-style-type: none"> <li>High speed UART for debug assist</li> </ul>
<ul style="list-style-type: none"> <li>Package</li> </ul>	<ul style="list-style-type: none"> <li>64 pin QFN</li> </ul>

## TARGET APPLICATIONS

- Personal computers
- Host/devices with SATA or PATA interfaces

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