Product Brief

Marvell® 88SA8052 PATA to SATA Bridge

3Gb/s SATA, 150MB/s PATA

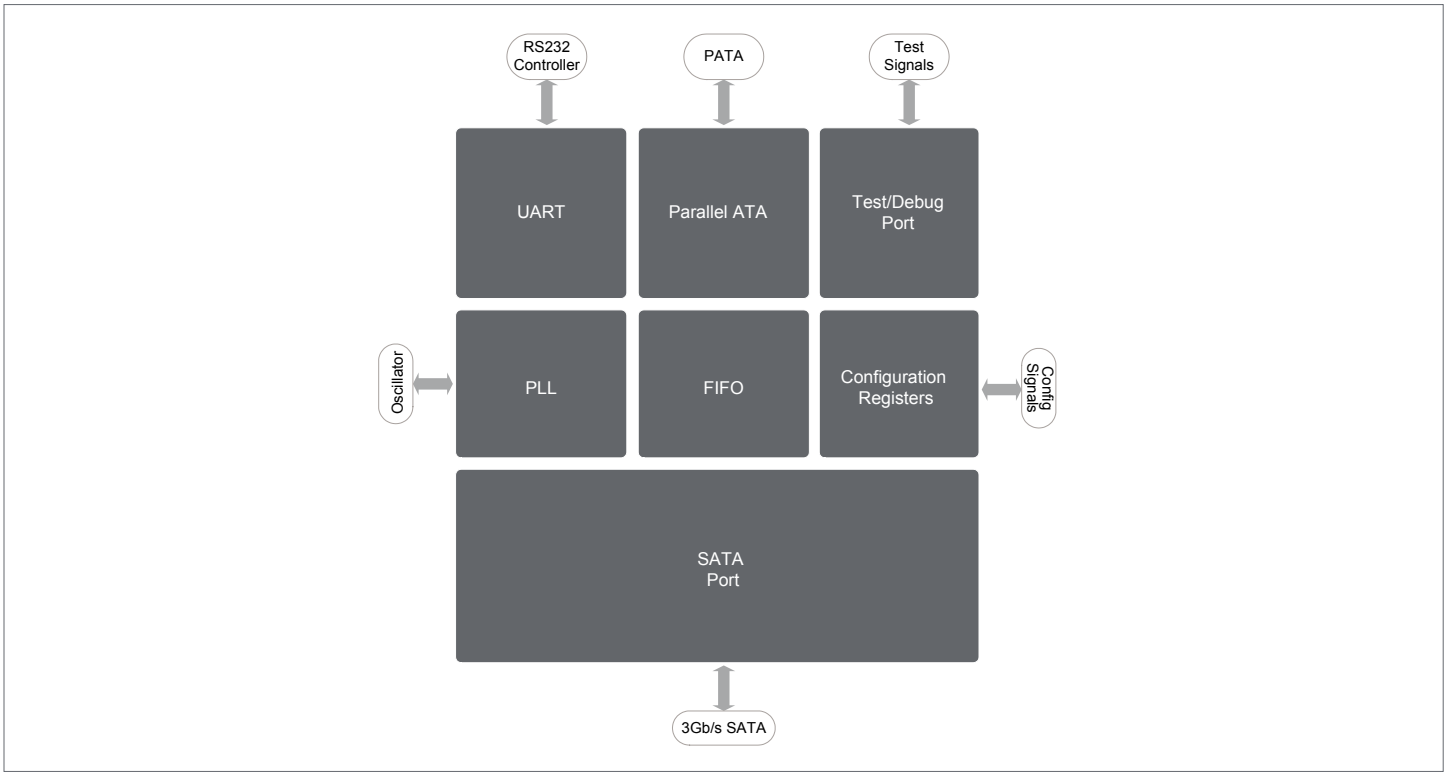
Overview

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



Marvell 88SA8052 PATA to SATA Bridge

Key Features

Features	Benefits
SATA Port	• 3Gb/s SATA • SATA hot plug • SATA 2.6 compatible
PATA Port	• ATA/ATAPI Ultra DMA mode to 150MB/s • ATA/ATAPI PIO • ATA/ATAPI-7 streaming mode
Test/Debug	• High speed UART for debug assist
Package	• 64 pin QFN

Target Applications

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

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To deliver the data infrastructure technology that connects the world, we're building solutions on the most powerful foundation: our partnerships with our customers. Trusted by the world's leading technology companies for 25 years, we move, store, process and secure the world's data with semiconductor solutions designed for our customers' current needs and future ambitions. Through a process of deep collaboration and transparency, we're ultimately changing the way tomorrow's enterprise, cloud, automotive, and carrier architectures transform—for the better.

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