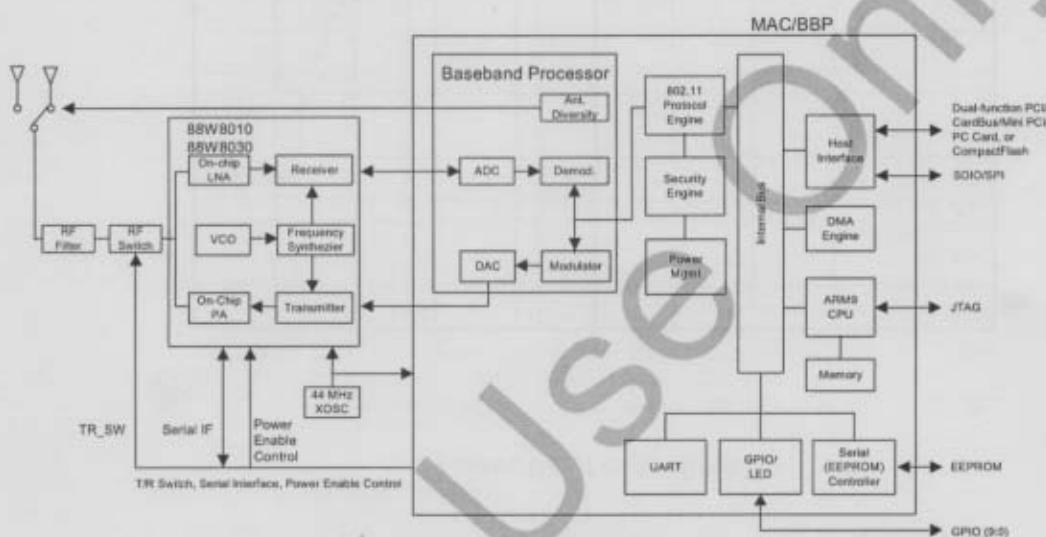


Marvell® 2.4 and 5.0 GHz WLAN Solutions

Figure 1 illustrates the Marvell Wireless Local Area Network (WLAN) Client solution that provides IEEE 802.11a/g/b standards-compliant wireless LAN access at 1, 2, 5.5, 6, 9, 11, 12, 24, 36, 48, and 54 Mbps and at a proprietary 22 and 72 Mbps rate. This chipset offers high integration, superior performance, and low cost solutions for development of WLAN applications.

Figure 1: RF Transceiver + 88W8335 MAC/BBP Chipset for Client Applications



The 88W8030 and 88W8010 are designed to work seamlessly with the 88W8335 to provide complete wireless 802.11a/g/b and 802.11g/b solutions (respectively) from the RF Transceiver through the MAC layer.

Reference Designs

Marvell client reference designs provide a quick time-to-market solution for customers developing 802.11a/g/b products. These reference designs are highly integrated, low cost, production quality designs.



Note

For further information about the current version of the reference designs, contact your Marvell representative.

7.2 Baseband Processor Description

Figure 12 shows the functional blocks of the baseband processor.

Figure 12: Baseband Processor Block

