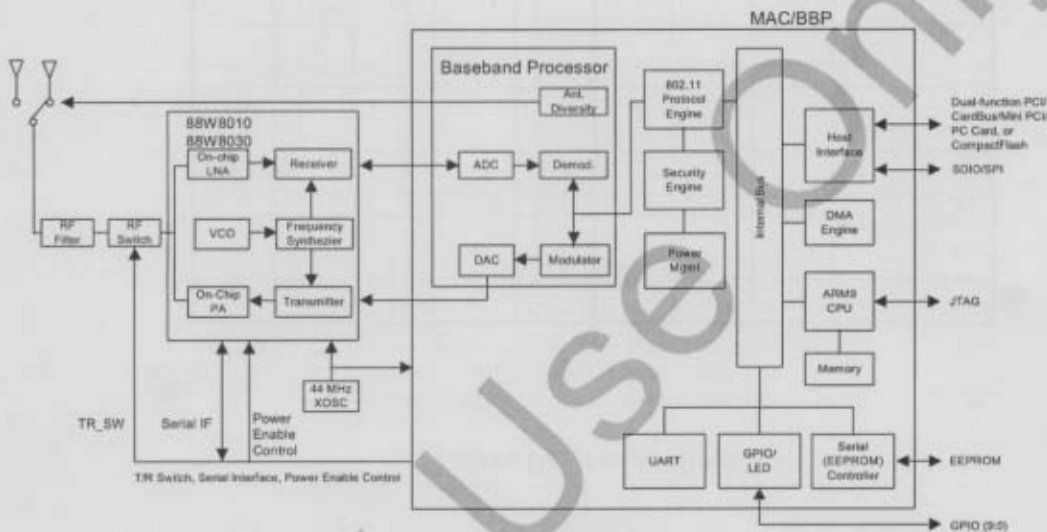


## Marvell® 2.4 and 5.0 GHz WLAN Solutions

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, contract your Marvell representative.

## 7.2 Baseband Processor Description

Figure 12 shows the functional blocks of the baseband processor.

Figure 12: Baseband Processor Block

