BCM4323X FAMILY

Back to Products ▦ (https://www.broadcom.com/products/wireless-connectivity)

◷ More Info

CUSTOMER PORTAL ⊡

(https://support.broadcom.com/)

MORE INFORMATION ⊕

BLUETOOTH
Windows SDK®

(/support/bluetooth)
ETHERNET
NetLink®/NetXtreme® I Desktop/Mobile/Server (32 bit)

(/support/ethernet-nic-netxtreme-i-desktop-mobile)

ETHERNET

NetLink®/NetXtreme® I Desktop/Mobile/Server (x64)

(/support/ethernet-nic-netxtreme-i-desktop-mobile)
ETHERNET

NetLink® 57xx (32 bit)

(/support/ethernet-nic-netlink-57xx)

DOWNLOADS (/SUPPORT)

Intensi-Fi® XLR Media Family

Product Code: **BCM4323x Family**

Integrates high-performance power amplifiers in a single monolithic CMOS die and leverages ubiquitous USB interfaces to add high-performance Wi-Fi connectivity to PCs, TVs, set-top boxes, broadband modems, Blu-ray Disc players and other consumer electronics devices.

The Intensi-Fi® XLR Wi-Fi media family consists of a 2x2 2.4 GHz-only solution (BCM43235) for cost-sensitive Internet connectivity applications, a fully integrated dual-band radio transceiver with 2.4 GHz and 5 GHz band transmission capability (BCM43236) for whole-home video streaming applications, and a fully integrated dual-band radio transceiver with custom enhancements and software to support carrier-grade IPTV applications (BCM43238).

FEATURES

- Two dual-band radios (one 2.4 GHz and one 5 GHz) with integrated high-performance PAs (Power Amplifiers)

- An ARM® host offload processor and RAM that reduces wireless tasks from the host processor, enabling the device to achieve maximum Wi-Fi performance with no incremental load impact vs. wired Ethernet

- Data rates up to 300 Megabits per second (Mbps) and TCP throughput of 200 Mbps over short distances and guaranteed, robust throughput of 40 Mbps+ at the edge of a >3000 feet² home

- 65 nanometer CMOS (Complimentary Metal-oxide Semiconductor) design that promotes

high integration and low power consumption

RELATED PRODUCTS

BCM60500 (/products/broadband-access-and-modems/broadband-carrier-access/bcm60500)
Next-Generation HomePlug Device for Whole-Home Connectivity
VIEW SIMILAR (/PRODUCTS/SET-TOP-BOX-AND-MEDIA-PROCESSORS?APPLICATION[]=126)

BCM7366 (/products/set-top-box-and-media-processors/multimedia-processors/bcm7366)
HD Direct Broadcast Satellite (DBS) SoC
VIEW SIMILAR (/PRODUCTS/SET-TOP-BOX-AND-MEDIA-PROCESSORS?APPLICATION[]=126)

BCM7583 (/products/set-top-box-and-media-processors/cable-(stb-and-media-processors)/bcm7583)
Cable HD Set-Top Box Solution
VIEW SIMILAR (/PRODUCTS/SET-TOP-BOX-AND-MEDIA-PROCESSORS?APPLICATION[]=126)

RECENT BLOG POSTS

- Broadcom's WICED™ CORE Enhanced Low Power Devices: Four Times the Battery Life for IoT Sensors (http://www.broadcom.com/blog/wireless-technology/broadcoms-wiced-core-enhanced-low-power-devices-four-times-the-battery-life-for-iot-sensors/)

- Stephen Palm in ECN Magazine: "Conscious" Technologies Cut Home Network Energy (http://www.broadcom.com/blog/home-entertainment/stephen-palm-in-ecn-magazine-conscious-technologies-cut-home-network-energy/)

- Broadcom's Ethernet Switches Deliver the Wave 2 Wireless Workplace (http://www.broadcom.com/blog/network-infrastructure/broadcoms-ethernet-switches-deliver-the-wave-2-wireless-workplace/)

- Power Up with AirFuel™: Wireless Charging Set to Accelerate
  (http://www.broadcom.com/blog/wireless-technology/power-up-with-airfuel-wireless-charging-set-
  to-accelerate/)

- Rajiv Kapur in Cable Quest: The Top Five Technologies for Improving Internet Connectivity in
  India (http://www.broadcom.com/blog/emerging-markets/rajiv-kapur-in-cable-quest-the-top-five-
  technologies-for-improving-internet-connectivity-in-india/)

- BroadView™: The Open Source Analytics Advantage Coming to a Network Near You
  (http://www.broadcom.com/blog/network-infrastructure/broadview-the-open-source-analytics-
  advantage-coming-to-a-network-near-you/)

PRODUCTS (HTTPS://WWW.BROADCOM.COM/PRODUCTS/)

DOWNLOADS (HTTPS://WWW.BROADCOM.COM/SUPPORT)

COMPANY (HTTPS://WWW.BROADCOM.COM/COMPANY)

CONTACT US (HTTPS://WWW.BROADCOM.COM/CONTACT)

(https://twitter.com/Broadcom)   (https://www.facebook.com/Broadcom)

(https://www.youtube.com/user/BroadcomCorporation)   (https://www.linkedin.com/company/broadcom)

(https://www.pinterest.com/broadcom/)