



H&D Wireless Connectivity Guide 2019

A selector guide for IoT, Industrial and Digital Media markets

H&D Wireless is a Swedish provider of Internet and Things technology and services. Connectivity is a business unit within H&D Wireless, focused on providing world class, high performance Connectivity modules for IoT, Industrial and Digital media markets.

SPB228



High speed Linux and Android Module

| | |
|----------------|---|
| Module | SPB228 |
| Data rates | Up to 800Mbps |
| Wi-Fi | 802.11 a/b/g/n/ac 2.4 and 5GHz 2x2 Wave2 MU-MIMO |
| Bluetooth | Bluetooth 5 Classic and BLE |
| Dual band | Yes |
| Dual mode | Yes |
| Format | M.2 12x16mm solder down standard pinning format |
| Interfaces | PCIe 3.0, USB 3.0, SDIO 3.0, UART, PCM |
| Evaluation Kit | HDA228 |

HDG229



High speed Linux and Android System in Package module

| | |
|----------------|--|
| Module | HDG229 |
| Data rates | Up to 150Mbps |
| Wi-Fi | 802.11 a/b/g/n/ 2.4 and 5GHz |
| Bluetooth | Bluetooth 5 Classic and BLE |
| Dual band | Yes |
| Dual mode | Yes |
| Format | 8x8mm most compact design with integrated shield |
| Interfaces | SDIO 3.0, UART, PCM |
| Evaluation Kit | HDA229 |

For order options and data sheets please contact: sales@hd-wireless.se and visit support.hd-wireless.com

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SPB209



High speed Linux modules

| | |
|----------------|-------------------------------|
| Module | SPB209 |
| Data rates | Up to 433 Mbps |
| Wi-Fi | a/b/g/n/ac 2.4, 5GHz |
| Bluetooth | Bluetooth 4.2 Classic and BLE |
| Dual band | Yes |
| Dual mode | Yes |
| Options | LTE filter, with antenna |
| Format | 14x14mm, 14x21mm with antenna |
| Interfaces | SDIO 3.0, UART, PCM |
| Evaluation Kit | HDA209 |

HDG200



Wi-Fi System in Package Linux module

| | |
|----------------|--------------------|
| Module | HDG200 |
| Data rates | Up to 150Mbps |
| Wi-Fi | 802.11 a/b/g/n/ |
| Bluetooth | n/a |
| Dual band | n/a |
| Dual mode | n/a |
| Format | 8x8 mm |
| Interfaces | SDIO, SPI and UART |
| Evaluation Kit | HDA200 |

HDG205



Wi-Fi SiP module with embedded driver support for MCU platforms

| | |
|----------------|--------------------|
| Module | HDG205 |
| Data rates | Up to 150Mbps |
| Wi-Fi | 802.11 a/b/g/n/ |
| Bluetooth | n/a |
| Dual band | n/a |
| Dual mode | n/a |
| Format | 8x8 mm |
| Interfaces | SDIO, SPI and UART |
| Evaluation Kit | HDA205 |

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H&D Wireless was founded in 2009 and has over 1M wireless products delivered so far, for IoT and M2M solutions world wide. H&D Wireless products are available through several distribution channels. H&D Wireless shares are listed on Nasdaq (HDWB) First North in Stockholm since December 2017 .

H&D Wireless gives you access to more than 100 years of engineering experience from the wireless technology and Internet of Things market. With H&D Wireless as module partner, we support you all the way from quick sampling to volume production. H&D Wireless lab also offers design services and end product qualification and certifications.

H&D Wireless has been Awarded Top 10 best IoT solution provider, CIO Bulletin, USA, 2018, Top 33 hottest tech-company in Sweden – NyTeknik & Affärsvärlden 2016. Top 100 hottest tech-company in the world – Red Herring 2015.



Example of SPB228 design win – The No Isolation AV2©, a telepresence robot

For more information please contact:

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