



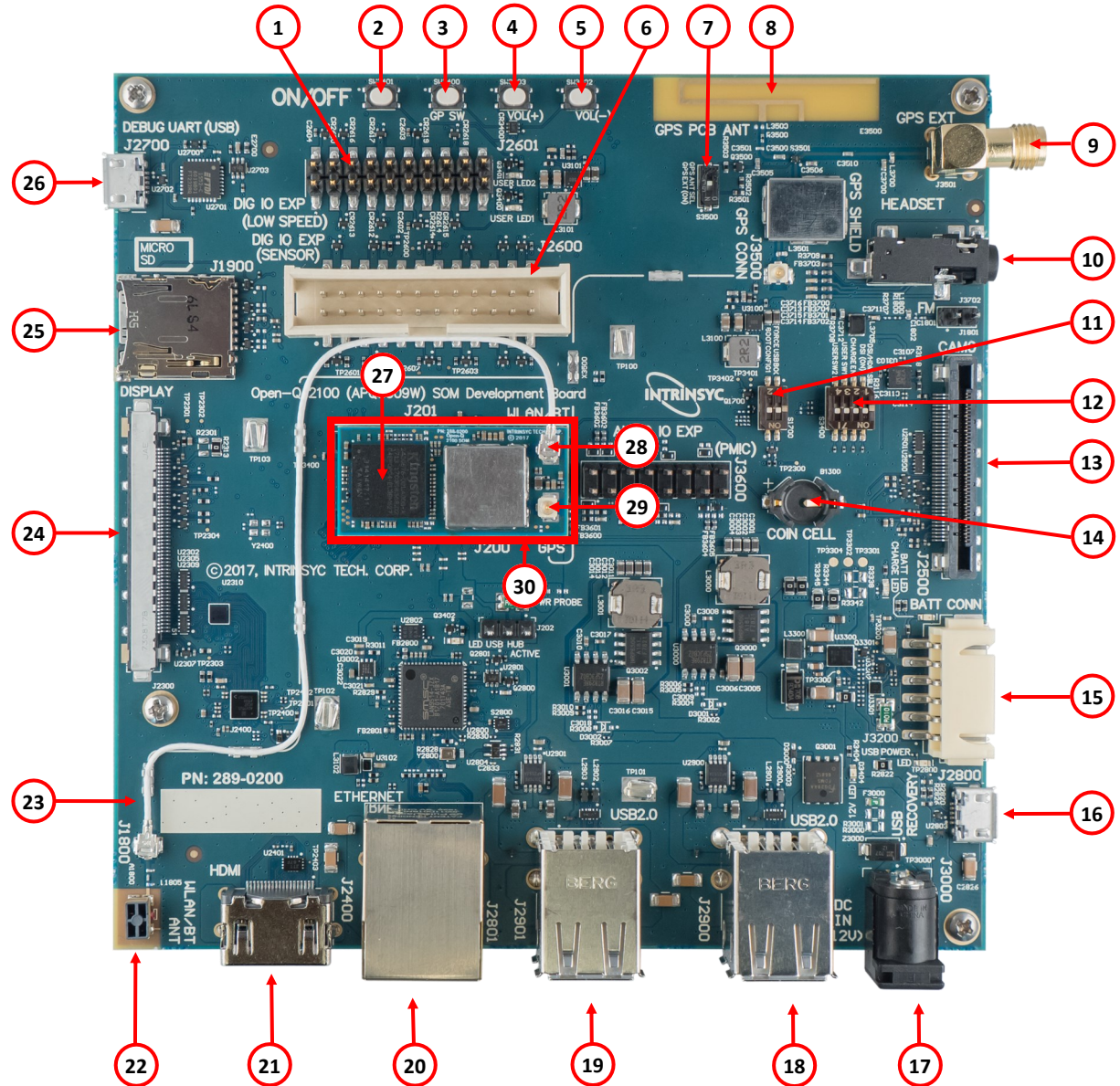
Open-Q™ 2100 Development Kit (APQ8009W) Quick Start Guide



Package Contents

1. Open-Q™ 2100 SOM with APQ8009W processor
2. Open-Q™ 2100 Carrier Board
3. AC Power Adapter
4. HDMI Cable

1. Digital IO expansion header
2. Power button
3. Home button
4. Volume + button
5. Volume - button
6. Sensor header
7. GPS Antenna Switch
8. GPS Antenna
9. GPS External Antenna Connector
10. Audio Headset Jack
11. Boot Mode switches
12. Video Select/Charge En/User Switches
13. MIPI camera connector
14. RTC coin cell backup battery holder (requires 614 size battery)
15. Battery connector
16. microB USB ADB/Recovery Port
17. 12V DC jack
18. Dual stacked USB2 type A
19. Dual stacked USB2 type A
20. 10/100 Ethernet RJ45 port
21. HDMI out
22. Wi-Fi/BT Antenna
23. Wi-Fi/BT antenna cable
24. MIPI display connector for LCD/Touch-panel
25. Micro SD socket
26. USB debug UART Micro B
27. Snapdragon APQ8009W CPU
28. Wi-Fi/BT U.FL antenna connector
29. GPS U.FL antenna connector
30. Open-Q 2100 System on Module (SOM)



Specifications are subject to change - Open-Q 2100 DK QSG Rev. 1.3

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Development Kit Setup

- 1. At a static-safe workstation, remove the development kit board carefully from the anti static bag**
- 2. Connect the HDMI output (17) from the development kit to a display**
- 3. Connect the Power Adapter to the 12V DC Jack (13) and then press and hold the power button until you see the Intrinsyc logo appear on the display (~3 seconds)**
- 4. Plug in a USB mouse (14/15) to navigate the UI on the HDMI display**
- 5. If connecting the “Recovery USB” port (12) to a PC for ADB access, make sure to connect this only after the 12V power adapter is connected. Also note that when using the Recovery USB port, the host USB ports and Ethernet port are disabled.**
- 6. Documentation and software**
To access the documentation (schematics, user guides, datasheets, programming guides, tech notes...), platform BSP software and much more, please register at:

<http://support.intrinsyc.com>

Sign in Register

Intrinsyc Support Server

Login: myname@mycompany.com
Email address

Password: *****

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Development Kit Support

Should you require more information or assistance, you can contact us at:

<https://www.intrinsyc.com/contact-support>

Intrinsyc also provides technical information and videos on Snapdragon processors at:

<https://www.intrinsyc.com/resources>

Should you require additional technical support for your Development Kit you can easily purchase a block of technical support hours from the Intrinsyc store:

<http://shop.intrinsyc.com/collections/technical-support-packages>

Thank you for purchasing the Open-Q 2100 Development Kit

The Intrinsyc Team