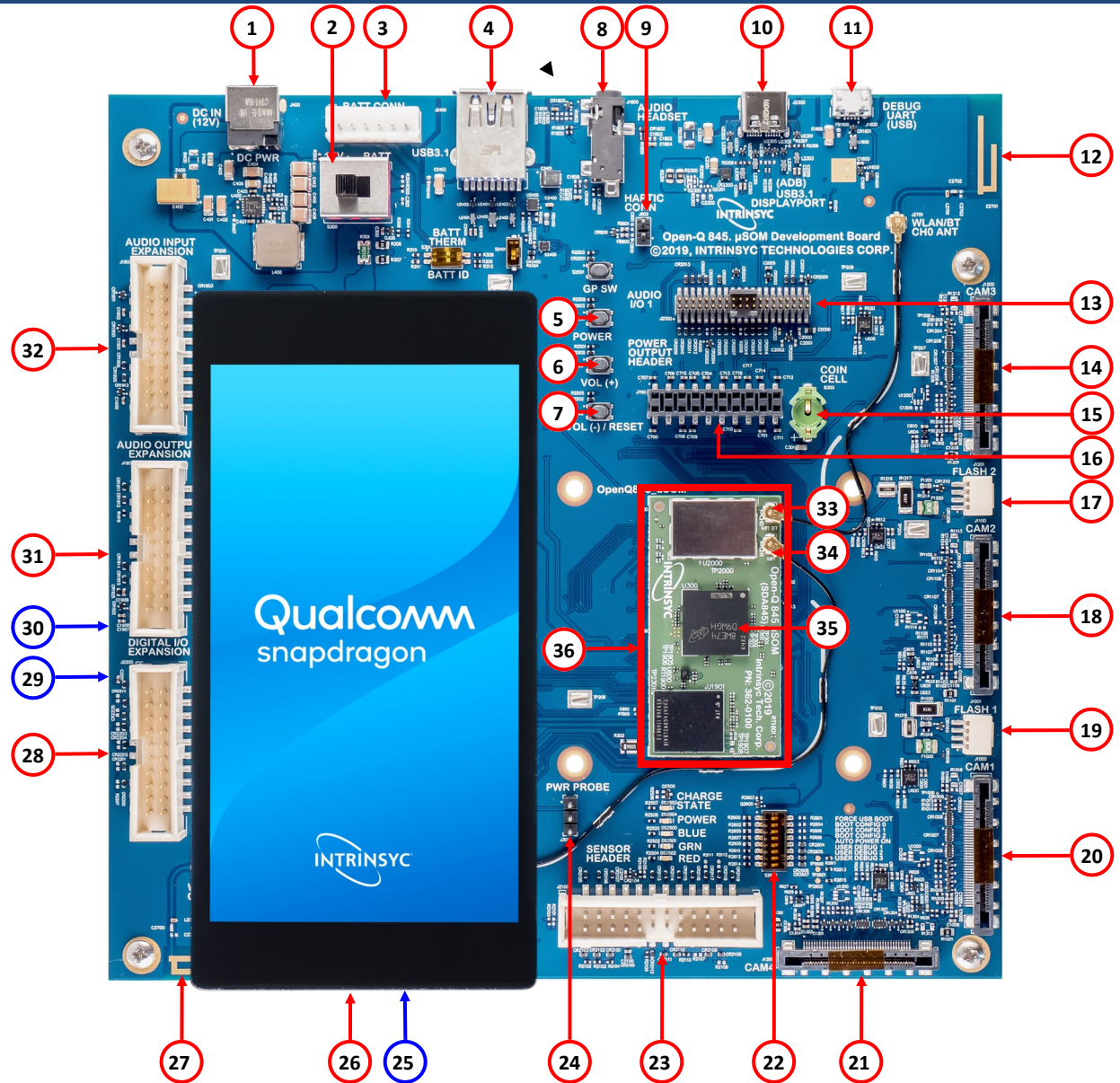


Package Contents

1. Open-Q™ 845 μSOM with SDA845 processor
2. Open-Q™ 845 μSOM Carrier Board
3. AC Power Adapter
4. LCD/Touchpanel (Optional)

- | | |
|---|--|
| 1. 12V DC power jack | 21. MIPI Camera 4 Connector |
| 2. Power source switch (DC/Batt) | 22. System configuration switches |
| 3. Battery connector | 23. Sensor expansion header |
| 4. USB 3.0 Type-A Connector | 24. SOM current sense header |
| 5. Power button | 25. Micro SD socket* |
| 6. Volume + button | 26. Open-Q™ LCD Touch Panel (optional) |
| 7. Volume - button | 27. WLAN Channel 1 Antenna (PCB trace) |
| 8. Audio Headset Jack | 28. Digital I/O connector |
| 9. Haptic Output Header | 29. Mini-PCIe Card Connector* |
| 10. USB 3.0 Type-C connector | 30. Mini-PCIe SIM Card socket* |
| 11. USB debug UART Micro B | 31. Audio Output expansion header |
| 12. WLAN/BT Channel 0 Antenna (PCB trace) | 32. Audio Input expansion header |
| 13. Audio I/O expansion header | 33. WLAN/BT Channel 0 U.FL Antenna Connector |
| 14. MIPI Camera 3 Connector | 34. WLAN Channel 1 U.FL Antenna Connector |
| 15. Coin Cell Battery Holder | 35. Snapdragon SDA845 CPU |
| 16. Power Header | 36. Open-Q 845 System on Module (SOM) |
| 17. Flash 2 Connector | |
| 18. MIPI Camera 2 Connector | |
| 19. Flash 1 Connector | |
| 20. MIPI Camera 1 Connector | |
- * On Bottom side



Specifications are subject to change - Open-Q 845 μSOM DK QSG Rev. 1.0



Open-Q™ 845 μSOM Development Kit Quick Start Guide



Development Kit Setup

1. At a static-safe workstation, remove the development kit board carefully from the anti static bag

2. Connect the Power Adapter to the 12V DC Jack (1) and then press and hold the ON/OFF button (5) until you see the Intrinsic logo appear on the display (~3 seconds)

3. 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://tech.intrinsyc.com>



Development Kit Support

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

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

Intrinsic 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 technical support package from the Intrinsic store:

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

Thank you for purchasing the Open-Q 845 μSOM Development Kit

The Intrinsic Team